

Narrative For Combined Occupational Projections Data for 2003-2013

1. This file will allow you to look up a particular occupation and find out its projected growth, 2003 estimated wage, and educational requirement.
2. The information allows for more informed career planning based on anticipated earnings, education, and employment growth.
3. Users can use the excel file to search for occupations that meet specific criteria such as wages, growth, and educational requirements.
4. For example, someone may find an occupation within the desired wage range. However, the educational requirements may be higher than desired and the overall growth of the occupation is small and may indicate a higher level of competition and/or fewer opportunities. Therefore, the person may consider other occupations within the same wage range, but with greater growth and less stringent educational requirements.
5. Researchers and analysts can use the file to determine the educational requirements and wages of occupations based on anticipated measures of change from 2003 to 2013.

Occupational Employment Projections, Wage Estimates, & Training Requirements for Arizona

Standard Occupation Classification (SOC)*		Employment		10 Year Employment Change				2003 Occupational		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Sepa- rations	Total Openings	Mean	10th %tile	25th %tile
11-1011	Chief Executives	10,048	12,130	2,082	20.72%	1,895	3,977	\$62.46	\$27.70	\$39.18
11-1021	General & Operations Managers	25,249	31,962	6,713	26.59%	4,762	11,475	\$39.50	\$16.97	\$23.72
11-1031	Legislators	464	517	53	11.42%	60	113	\$12.89	\$5.72	\$6.12
11-2011	Advertising & Promotions Managers	1,512	1,849	337	22.29%	273	610	\$29.29	\$14.53	\$18.47
11-2021	Marketing Managers	4,382	5,361	979	22.34%	809	1,788	\$36.02	\$17.90	\$22.38
11-2022	Sales Managers	7,661	10,621	2,960	38.64%	1,414	4,374	\$36.11	\$16.17	\$22.02
11-2031	Public Relations Managers	1,363	1,662	299	21.94%	236	535	\$31.08	\$16.40	\$23.56
11-3011	Administrative Services Managers	5,491	6,763	1,272	23.17%	1,068	2,340	\$27.91	\$13.31	\$17.65
11-3021	Computer & Information Systems Managers	4,914	6,446	1,532	31.18%	892	2,424	\$40.60	\$21.55	\$30.67
11-3031	Financial Managers	11,142	13,709	2,567	23.04%	1,597	4,164	\$37.66	\$18.77	\$23.81
11-3040	Human Resources Managers	4,233	5,187	954	22.54%	714	1,668	\$30.19	\$17.11	\$20.93
11-3051	Industrial Production Managers	2,428	2,765	337	13.88%	470	807	\$36.56	\$20.76	\$26.64
11-3061	Purchasing Managers	2,043	2,178	135	6.61%	443	578	\$30.04	\$16.40	\$20.45
11-3071	Transportation, Storage, & Distribution Managers	1,676	1,980	304	18.14%	327	631	\$30.28	\$17.08	\$21.06
11-9011	Farm, Ranch, & Other Agricultural Managers	2,573	2,413	-160	-6.22%	443	443	\$21.81	\$10.05	\$10.92
11-9021	Construction Managers	6,006	7,538	1,532	25.51%	1,088	2,620	\$32.77	\$19.02	\$24.44
11-9031	Education Administrators, Preschool & Child Care Center/Pr	1,237	1,600	363	29.35%	307	670	\$18.15	\$9.36	\$11.77
11-9032	Education Administrators, Elementary & Secondary School	3,345	4,260	915	27.35%	830	1,745			
11-9033	Education Administrators, Postsecondary	2,576	3,033	457	17.74%	639	1,096	\$32.55	\$18.51	\$23.08
11-9041	Engineering Managers	4,812	5,535	723	15.02%	958	1,681	\$45.13	\$27.28	\$33.52
11-9051	Food Service Managers	11,537	13,296	1,759	15.25%	1,881	3,640	\$17.93	\$11.86	\$13.40
11-9061	Funeral Directors	133	150	17	12.78%	38	55	\$21.32	\$15.10	\$17.99
11-9071	Gaming Managers	567	566	-1	-0.18%	107	107	\$29.95	\$18.40	\$20.48
11-9081	Lodging Managers	1,757	1,849	92	5.24%	292	384	\$17.61	\$9.73	\$12.38
11-9111	Medical & Health Services Managers	4,193	6,354	2,161	51.54%	817	2,978	\$32.88	\$15.94	\$22.07
11-9121	Natural Sciences Managers	509	576	67	13.16%	98	165	\$33.78	\$18.33	\$23.53
11-9131	Postmasters & Mail Superintendents	188	205	17	9.04%	35	52	\$25.91	\$19.02	\$22.20
11-9141	Property, Real Estate, & Community Association Managers	5,872	7,013	1,141	19.43%	1,097	2,238	\$21.63	\$9.46	\$13.40
11-9151	Social & Community Service Managers	3,074	4,065	991	32.24%	590	1,581	\$21.95	\$11.81	\$16.62
11-9199	Managers, All Other	18,654	20,169	1,515	8.12%	3,634	5,149	\$32.94	\$18.21	\$23.39
13-1011	Agents & Business Managers of Artists, Performers, & Athletes	308	390	82	26.62%	61	143	\$22.04	\$10.60	\$14.71
13-1021	Purchasing Agents & Buyers, Farm Products	459	575	116	25.27%	156	272	\$24.62	\$12.91	\$15.78
13-1022	Wholesale & Retail Buyers, Except Farm Products	2,885	3,238	353	12.24%	755	1,108	\$19.78	\$9.84	\$13.43
13-1023	Purchasing Agents, Except Wholesale, Retail, & Farm Products	4,227	4,945	718	16.99%	1,052	1,770	\$21.98	\$12.49	\$15.74
13-1031	Claims Adjusters, Examiners, & Investigators	4,971	6,146	1,175	23.64%	613	1,788	\$22.79	\$13.52	\$16.79
13-1032	Insurance Appraisers, Auto Damage	346	413	67	19.36%	43	110	\$20.54	\$10.52	\$15.32
13-1041	Compliance Officers, Except Agriculture, Construction, Health	2,169	2,529	360	16.60%	510	870	\$21.53	\$14.04	\$16.75
13-1051	Cost Estimators	3,515	4,561	1,046	29.76%	788	1,834	\$23.35	\$12.24	\$14.95
13-1061	Emergency Management Specialists	138	184	46	33.33%	30	76	\$26.77	\$15.84	\$18.97
13-1071	Employment, Recruitment, & Placement Specialists	3,701	4,610	909	24.56%	567	1,476	\$20.56	\$12.20	\$14.79
13-1072	Compensation, Benefits, & Job Analysis Specialists	1,398	1,801	403	28.83%	214	617	\$20.58	\$12.63	\$14.71
13-1073	Training & Development Specialists	5,045	6,648	1,603	31.77%	773	2,376	\$20.60	\$12.04	\$14.55
13-1111	Management Analysts	15,196	18,698	3,502	23.05%	2,079	5,581	\$27.18	\$13.58	\$17.94
13-1121	Meeting & Convention Planners	755	876	121	16.03%	164	285	\$19.74	\$11.14	\$14.69
13-1199	Business Operations Specialists, All Other	8,898	11,644	2,746	30.86%	1,515	4,261	\$25.28	\$13.86	\$18.40
13-2011	Accountants & Auditors	21,444	26,834	5,390	25.14%	4,048	9,438	\$23.04	\$14.34	\$17.64
13-2021	Appraisers & Assessors of Real Estate	2,629	3,187	558	21.22%	564	1,122	\$21.15	\$11.42	\$15.64
13-2031	Budget Analysts	2,606	3,152	546	20.95%	426	972	\$24.26	\$16.29	\$19.37
13-2041	Credit Analysts	3,426	4,118	692	20.20%	535	1,227	\$17.87	\$11.79	\$12.69
13-2051	Financial Analysts	4,011	4,823	812	20.24%	592	1,404	\$26.50	\$14.03	\$18.04
13-2052	Personal Financial Advisors	2,113	2,862	749	35.45%	274	1,023	\$37.16	\$14.74	\$19.81
13-2053	Insurance Underwriters	1,963	2,396	433	22.06%	348	781	\$23.38	\$14.18	\$16.66
13-2061	Financial Examiners	498	567	69	13.86%	114	183	\$31.73	\$15.64	\$20.47
13-2071	Loan Counselors	986	1,158	172	17.44%	158	330	\$24.67	\$13.49	\$17.25
13-2072	Loan Officers	5,885	7,299	1,414	24.03%	945	2,359	\$34.58	\$13.97	\$17.70
13-2081	Tax Examiners, Collectors, & Revenue Agents	740	831	91	12.30%	170	261	\$25.33	\$15.71	\$19.28
13-2082	Tax Preparers	948	1,138	190	20.04%	156	346	\$14.45	\$10.32	\$12.04

Hourly Wage Estimates				2003 Occupational Annual Wage Estimates					Training Requirements	
Median Wage	75th %tile	90th %tile		Mean	10th %tile	25th %tile	Median Wage	75th %tile	90th %tile	
										Code Description
\$55.97				\$129,912	\$57,619	\$81,489	\$116,410			4 Bachelor's or higher degree, plus work experience
\$34.19	\$48.51			\$82,170	\$35,288	\$49,339	\$71,114	\$100,890		4 Bachelor's or higher degree, plus work experience
\$6.80	\$12.44	\$27.45		\$26,807	\$11,889	\$12,733	\$14,145	\$25,867	\$57,091	4 Bachelor's or higher degree, plus work experience
\$26.91	\$36.43	\$47.27		\$60,933	\$30,223	\$38,415	\$55,971	\$75,775	\$98,317	4 Bachelor's or higher degree, plus work experience
\$32.06	\$44.93	\$58.62		\$74,925	\$37,224	\$46,546	\$66,678	\$93,453	\$121,938	4 Bachelor's or higher degree, plus work experience
\$30.93	\$45.59	\$62.25		\$75,110	\$33,625	\$45,802	\$64,341	\$94,828	\$129,490	4 Bachelor's or higher degree, plus work experience
\$28.82	\$37.33	\$49.38		\$64,639	\$34,105	\$49,011	\$59,946	\$77,655	\$102,717	4 Bachelor's or higher degree, plus work experience
\$25.34	\$35.30	\$46.38		\$58,055	\$27,686	\$36,721	\$52,713	\$73,429	\$96,477	4 Bachelor's or higher degree, plus work experience
\$40.33	\$49.98	\$59.12		\$84,451	\$44,824	\$63,801	\$83,887	\$103,962	\$122,974	4 Bachelor's or higher degree, plus work experience
\$33.44	\$45.28	\$62.97		\$78,330	\$39,047	\$49,517	\$69,556	\$94,192	\$130,983	4 Bachelor's or higher degree, plus work experience
\$27.61	\$36.85	\$48.27		\$62,803	\$35,589	\$43,538	\$57,431	\$76,653	\$100,391	4 Bachelor's or higher degree, plus work experience
\$34.86	\$44.77	\$55.70		\$76,049	\$43,173	\$55,412	\$72,508	\$93,115	\$115,857	5 Bachelor's degree
\$27.18	\$37.31	\$46.49		\$62,485	\$34,114	\$42,536	\$56,541	\$77,605	\$96,709	4 Bachelor's or higher degree, plus work experience
										8 Work experience in a related occupation
\$27.39	\$37.58	\$49.58		\$62,974	\$35,530	\$43,806	\$56,976	\$78,171	\$103,127	
\$21.35	\$29.55	\$41.20		\$45,361	\$20,896	\$22,721	\$44,418	\$61,467	\$85,690	4 Bachelor's or higher degree, plus work experience
\$30.77	\$40.30	\$48.33		\$68,166	\$39,552	\$50,830	\$64,005	\$83,830	\$100,534	5 Bachelor's degree
										4 Bachelor's or higher degree, plus work experience
\$16.31	\$22.66	\$28.51		\$37,753	\$19,467	\$24,476	\$33,929	\$47,139	\$59,293	
				\$71,659	\$46,600	\$58,383	\$69,524	\$82,223	\$99,390	4 Bachelor's or higher degree, plus work experience
\$31.17	\$41.10	\$48.11		\$67,705	\$38,495	\$48,004	\$64,832	\$85,496	\$100,066	4 Bachelor's or higher degree, plus work experience
\$42.04	\$53.76	\$67.29		\$93,878	\$56,737	\$69,730	\$87,446	\$111,818	\$139,972	4 Bachelor's or higher degree, plus work experience
\$16.57	\$21.41	\$26.41		\$37,288	\$24,664	\$27,876	\$34,476	\$44,523	\$54,941	8 Work experience in a related occupation
\$20.45	\$23.05	\$29.57		\$44,349	\$31,403	\$37,419	\$42,542	\$47,935	\$61,513	6 Associate degree
\$24.41	\$33.81	\$54.46		\$62,286	\$38,269	\$42,601	\$50,771	\$70,332	\$113,281	8 Work experience in a related occupation
\$15.78	\$21.14	\$27.08		\$36,624	\$20,234	\$25,761	\$32,818	\$43,968	\$56,321	8 Work experience in a related occupation
\$29.33	\$39.19	\$52.29		\$68,392	\$33,147	\$45,898	\$61,014	\$81,525	\$108,754	4 Bachelor's or higher degree, plus work experience
\$31.40	\$41.21	\$53.91		\$70,264	\$38,123	\$48,951	\$65,320	\$85,707	\$112,131	4 Bachelor's or higher degree, plus work experience
\$25.12	\$29.30	\$33.87		\$53,892	\$39,557	\$46,167	\$52,243	\$60,953	\$70,453	8 Work experience in a related occupation
										5 Bachelor's degree
\$19.45	\$25.49	\$34.77		\$44,992	\$19,673	\$27,882	\$40,464	\$53,027	\$72,321	
\$21.13	\$26.48	\$32.77		\$45,665	\$24,555	\$34,567	\$43,944	\$55,069	\$68,169	5 Bachelor's degree
\$29.37	\$40.37	\$53.03		\$68,515	\$37,880	\$48,653	\$61,084	\$83,960	\$110,296	8 Work experience in a related occupation
										4 Bachelor's or higher degree, plus work experience
\$19.51	\$25.32	\$36.69		\$45,845	\$22,046	\$30,594	\$40,576	\$52,660	\$76,326	
\$18.18	\$27.64	\$53.48		\$51,208	\$26,858	\$32,821	\$37,822	\$57,489	\$111,242	8 Work experience in a related occupation
										8 Work experience in a related occupation
\$17.06	\$24.62	\$31.59		\$41,150	\$20,464	\$27,933	\$35,488	\$51,219	\$65,710	
										8 Work experience in a related occupation
\$20.29	\$27.22	\$34.15		\$45,712	\$25,980	\$32,743	\$42,207	\$56,622	\$71,026	
\$21.23	\$26.71	\$33.76		\$47,411	\$28,119	\$34,933	\$44,152	\$55,566	\$70,221	9 Long-term on-the-job training
\$20.25	\$24.77	\$30.82		\$42,729	\$21,892	\$31,859	\$42,118	\$51,525	\$64,108	9 Long-term on-the-job training
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\$20.88	\$25.46	\$30.82		\$44,792	\$29,213	\$34,834	\$43,433	\$52,962	\$64,113	
\$21.29	\$28.65	\$38.83		\$48,568	\$25,468	\$31,087	\$44,286	\$59,600	\$80,758	8 Work experience in a related occupation
\$24.99	\$34.49	\$42.26		\$55,687	\$32,944	\$39,455	\$51,977	\$71,749	\$87,910	8 Work experience in a related occupation
										5 Bachelor's degree
\$19.46	\$24.81	\$29.08		\$42,773	\$25,376	\$30,768	\$40,481	\$51,595	\$60,483	
										5 Bachelor's degree
\$18.87	\$25.01	\$32.12		\$42,804	\$26,276	\$30,607	\$39,259	\$52,030	\$66,816	
\$18.53	\$25.54	\$32.74		\$42,849	\$25,044	\$30,268	\$38,547	\$53,122	\$68,108	5 Bachelor's degree
\$23.84	\$32.82	\$44.36		\$56,540	\$28,248	\$37,313	\$49,589	\$68,264	\$92,277	4 Bachelor's or higher degree, plus work experience
\$19.05	\$24.35	\$29.90		\$41,057	\$23,169	\$30,558	\$39,617	\$50,638	\$62,192	5 Bachelor's degree
\$24.31	\$31.29	\$38.67		\$52,583	\$28,824	\$38,274	\$50,573	\$65,078	\$80,444	5 Bachelor's degree
\$21.80	\$26.70	\$33.31		\$47,921	\$29,820	\$36,695	\$45,347	\$55,534	\$69,281	5 Bachelor's degree
\$22.36	\$25.18	\$27.01		\$43,982	\$23,745	\$32,527	\$46,508	\$52,373	\$56,177	7 Postsecondary vocational training
\$23.20	\$28.45	\$34.57		\$50,464	\$33,887	\$40,286	\$48,252	\$59,185	\$71,898	5 Bachelor's degree
\$14.72	\$21.46	\$28.66		\$37,178	\$24,525	\$26,403	\$30,620	\$44,630	\$59,611	5 Bachelor's degree
\$23.47	\$31.92	\$40.17		\$55,119	\$29,185	\$37,516	\$48,810	\$66,398	\$83,562	5 Bachelor's degree
\$29.13	\$41.50			\$77,287	\$30,669	\$41,203	\$60,588	\$86,328		5 Bachelor's degree
\$20.76	\$27.58	\$36.82		\$48,638	\$29,488	\$34,649	\$43,181	\$57,368	\$76,580	5 Bachelor's degree
\$26.59	\$39.21	\$52.98		\$66,000	\$32,538	\$42,569	\$55,314	\$81,552	\$110,200	5 Bachelor's degree
\$23.04	\$31.05	\$38.90		\$51,305	\$28,064	\$35,875	\$47,915	\$64,591	\$80,919	5 Bachelor's degree
\$27.08	\$41.37	\$69.75		\$71,926	\$29,050	\$36,821	\$56,317	\$86,056	\$145,082	5 Bachelor's degree
										5 Bachelor's degree
\$24.61	\$31.55	\$37.79		\$52,691	\$32,686	\$40,095	\$51,193	\$65,628	\$78,608	
\$13.11	\$14.39	\$19.83		\$30,051	\$21,456	\$25,048	\$27,262	\$29,922	\$41,239	10 Moderate-term on-the-job training

Standard Occupation Classification (SOC)*		Employment		10 Year Employment Change				2003 Occupational		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Sepa- rations	Total Openings	Mean	10th %tile	25th %tile
13-2099	Financial Specialists, All Other	2,820	3,448	628	22.27%	495	1,123	\$23.78	\$14.44	\$17.46
15-1011	Computer & Information Scientists, Research	546	630	84	15.38%	62	146	\$36.72	\$13.21	\$27.57
15-1021	Computer Programmers	7,200	7,685	485	6.74%	1,700	2,185	\$27.68	\$15.30	\$20.01
15-1031	Computer Software Engineers, Applications	5,210	6,791	1,581	30.35%	515	2,096	\$35.18	\$19.15	\$24.28
15-1032	Computer Software Engineers, Systems Software	4,496	5,800	1,304	29.00%	445	1,749	\$35.13	\$22.18	\$28.19
15-1041	Computer Support Specialists	12,570	15,483	2,913	23.17%	1,546	4,459	\$20.10	\$12.15	\$15.41
15-1051	Computer Systems Analysts	7,356	9,678	2,322	31.57%	832	3,154	\$31.03	\$18.02	\$23.28
15-1061	Database Administrators	1,511	2,104	593	39.25%	156	749	\$29.03	\$14.66	\$20.18
15-1071	Network & Computer Systems Administrators	4,092	5,393	1,301	31.79%	454	1,755	\$26.80	\$16.72	\$20.25
15-1081	Network Systems & Data Communications Analysts	2,596	3,819	1,223	47.11%	306	1,529	\$28.86	\$16.78	\$21.35
15-1099	Computer Specialists, All Other	1,449	2,055	606	41.82%	164	770	\$24.80	\$12.48	\$15.94
15-2011	Actuaries	96	110	14	14.58%	41	55	\$29.58	\$17.94	\$20.40
15-2021	Mathematicians	81	80	-1	-1.23%	36	36	\$38.97	\$29.69	\$34.90
15-2031	Operations Research Analysts	1,314	1,431	117	8.90%	287	404	\$24.99	\$13.69	\$16.96
15-2041	Statisticians	232	238	6	2.59%	61	67	\$30.10	\$14.11	\$21.36
15-2099	Mathematical Science Occupations, All Other	67	74	7	10.45%	15	22	\$17.03	\$11.04	\$11.99
17-1011	Architects, Except Landscape & Naval	2,361	3,198	837	35.45%	270	1,107	\$30.27	\$17.92	\$20.69
17-1012	Landscape Architects	926	1,217	291	31.43%	106	397	\$22.17	\$14.17	\$16.49
17-1021	Cartographers & Photogrammetrists	163	206	43	26.38%	56	99	\$20.55	\$13.04	\$16.28
17-1022	Surveyors	1,565	1,879	314	20.06%	535	849	\$20.42	\$11.61	\$15.04
17-2011	Aerospace Engineers	3,967	4,315	348	8.77%	982	1,330	\$36.94	\$26.20	\$30.72
17-2021	Agricultural Engineers	75	83	8	10.67%	25	33	\$25.23	\$14.77	\$18.55
17-2031	Biomedical Engineers	130	171	41	31.54%	22	63	\$30.24	\$19.19	\$22.00
17-2041	Chemical Engineers	279	297	18	6.45%	83	101	\$35.09	\$21.85	\$25.76
17-2051	Civil Engineers	4,981	6,098	1,117	22.43%	794	1,911	\$26.49	\$17.11	\$19.51
17-2071	Electrical Engineers	3,346	3,637	291	8.70%	658	949	\$35.95	\$21.97	\$26.95
17-2072	Electronics Engineers, Except Computer	5,332	6,147	815	15.29%	1,048	1,863	\$33.10	\$22.49	\$25.86
17-2081	Environmental Engineers	805	1,172	367	45.59%	137	504	\$29.25	\$18.10	\$22.32
17-2111	Health & Safety Engineers, Except Mining Safety Engineers	1,086	1,289	203	18.69%	263	466	\$29.78	\$19.79	\$25.01
17-2112	Industrial Engineers	2,412	2,666	254	10.53%	584	838	\$31.69	\$20.32	\$25.55
17-2131	Materials Engineers	456	491	35	7.68%	120	155	\$31.64	\$16.71	\$23.27
17-2141	Mechanical Engineers	3,897	4,198	301	7.72%	1,066	1,367	\$32.06	\$18.34	\$22.95
17-2151	Mining & Geological Engineers, Including Mining Safety Eng	194	233	39	20.10%	56	95	\$24.30	\$15.24	\$16.99
17-2161	Nuclear Engineers	216	263	47	21.76%	64	111	\$38.26	\$26.03	\$32.14
17-2171	Petroleum Engineers	84	88	4	4.76%	27	31	\$30.00	\$23.26	\$25.43
17-2199	Engineers, All Other	2,216	2,819	603	27.21%	422	1,025	\$36.07	\$18.77	\$26.44
17-3011	Architectural & Civil Drafters	1,831	2,159	328	17.91%	515	843	\$16.59	\$9.97	\$12.00
17-3012	Electrical & Electronics Drafters	2,006	2,283	277	13.81%	564	841	\$19.44	\$10.20	\$13.11
17-3013	Mechanical Drafters	1,590	1,724	134	8.43%	447	581	\$20.36	\$12.41	\$14.80
17-3021	Aerospace Engineering & Operations Technicians	1,134	1,227	93	8.20%	237	330	\$28.70	\$18.63	\$24.45
17-3022	Civil Engineering Technicians	1,671	2,069	398	23.82%	350	748	\$18.49	\$10.93	\$13.69
17-3024	Electro-Mechanical Technicians	431	514	83	19.26%	90	173	\$23.95	\$15.41	\$18.62
17-3025	Environmental Engineering Technicians	358	496	138	38.55%	75	213	\$17.21	\$10.86	\$13.94
17-3026	Industrial Engineering Technicians	2,005	2,169	164	8.18%	420	584	\$20.83	\$14.38	\$16.64
17-3027	Mechanical Engineering Technicians	917	1,046	129	14.07%	192	321	\$19.01	\$11.88	\$14.51
17-3031	Surveying & Mapping Technicians	1,182	1,644	462	39.09%	430	892	\$16.60	\$10.39	\$12.89
17-3099	Drafters, Engineering, & Mapping Technicians, All Other (O	2,055	2,393	338	16.45%	495	833	\$22.62	\$13.74	\$18.45
19-1010	Agricultural & Food Scientists	248	273	25	10.08%	44	69	\$27.97	\$15.03	\$19.22
19-1021	Biochemists & Biophysicists	97	133	36	37.11%	30	66	\$39.77	\$20.39	\$29.63
19-1022	Microbiologists	157	211	54	34.39%	49	103	\$25.73	\$17.21	\$20.34
19-1023	Zoologists & Wildlife Biologists	150	177	27	18.00%	47	74	\$22.53	\$11.47	\$15.35
19-1031	Conservation Scientists	173	185	12	6.94%	51	63	\$24.40	\$16.49	\$19.84
19-1032	Foresters	148	170	22	14.86%	43	65	\$21.71	\$14.17	\$16.92
19-1041	Epidemiologists	97	143	46	47.42%	17	63	\$20.22	\$11.27	\$15.22
19-1042	Medical Scientists, Except Epidemiologists	649	1,020	371	57.16%	114	485	\$26.97	\$13.65	\$18.02
19-1099	Life Scientists, All Other	175	228	53	30.29%	31	84	\$25.32	\$13.61	\$18.54
19-2012	Physicists	248	316	68	27.42%	80	148	\$41.88	\$21.29	\$33.66
19-2021	Atmospheric & Space Scientists	132	153	21	15.91%	52	73	\$31.98	\$21.66	\$25.41
19-2031	Chemists	698	880	182	26.07%	228	410	\$24.73	\$11.05	\$17.94
19-2032	Materials Scientists	205	234	29	14.15%	67	96	\$27.88	\$15.12	\$17.44
19-2041	Environmental Scientists & Specialists, Including Health	748	971	223	29.81%	133	356	\$21.69	\$14.66	\$17.37

Hourly Wage Estimates			2003 Occupational Annual Wage Estimates						Training Requirements	
Median Wage	75th %tile	90th %tile	Mean	10th %tile	25th %tile	Median Wage	75th %tile	90th %tile	Code	Description
\$22.08	\$30.44	\$34.56	\$49,453	\$30,034	\$36,320	\$45,932	\$63,306	\$71,878	5	Bachelor's degree
\$39.02	\$47.91	\$54.21	\$76,385	\$27,480	\$57,337	\$81,165	\$99,644	\$112,752	2	Doctoral degree
\$26.94	\$33.67	\$41.96	\$57,570	\$31,828	\$41,618	\$56,042	\$70,040	\$87,286	5	Bachelor's degree
\$31.96	\$42.40	\$61.52	\$73,173	\$39,823	\$50,511	\$66,482	\$88,196	\$127,958	5	Bachelor's degree
									5	Bachelor's degree
\$34.72	\$42.37	\$49.92	\$73,066	\$46,140	\$58,633	\$72,217	\$88,129	\$103,832		
\$19.20	\$23.80	\$30.08	\$41,815	\$25,282	\$32,044	\$39,936	\$49,511	\$62,571	6	Associate degree
\$30.83	\$39.30	\$44.74	\$64,547	\$37,483	\$48,415	\$64,117	\$81,741	\$93,064	5	Bachelor's degree
\$28.10	\$37.16	\$45.49	\$60,380	\$30,494	\$41,977	\$58,451	\$77,301	\$94,622	5	Bachelor's degree
\$25.31	\$31.89	\$39.17	\$55,754	\$34,786	\$42,123	\$52,639	\$66,336	\$81,482	5	Bachelor's degree
									5	Bachelor's degree
\$27.16	\$35.85	\$42.92	\$60,025	\$34,903	\$44,402	\$56,489	\$74,565	\$89,270		
\$21.22	\$30.40	\$43.72	\$51,582	\$25,949	\$33,147	\$44,133	\$63,227	\$90,938	6	Associate degree
\$24.79	\$35.99	\$53.07	\$61,524	\$37,305	\$42,436	\$51,561	\$74,850	\$110,389	4	Bachelor's or higher degree, plus work experience
\$40.21	\$44.45	\$49.51	\$81,048	\$61,760	\$72,599	\$83,632	\$92,459	\$102,984	3	Master's degree
\$24.47	\$31.54	\$38.31	\$51,981	\$28,466	\$35,274	\$50,891	\$65,609	\$79,694	3	Master's degree
\$33.66	\$39.52	\$42.61	\$62,614	\$29,358	\$44,420	\$70,006	\$82,206	\$88,634	3	Master's degree
\$13.83	\$23.01	\$27.04	\$35,428	\$22,973	\$24,937	\$28,758	\$47,857	\$56,252	3	Master's degree
\$26.31	\$39.13	\$49.53	\$62,971	\$37,284	\$43,044	\$54,729	\$81,394	\$103,018	5	Bachelor's degree
\$21.13	\$26.18	\$31.76	\$46,105	\$29,465	\$34,292	\$43,946	\$54,463	\$66,057	5	Bachelor's degree
\$20.18	\$24.07	\$28.68	\$42,738	\$27,119	\$33,868	\$41,970	\$50,069	\$59,645	5	Bachelor's degree
\$19.09	\$24.41	\$31.37	\$42,465	\$24,154	\$31,290	\$39,709	\$50,764	\$65,241	5	Bachelor's degree
\$35.61	\$43.16	\$52.17	\$76,831	\$54,488	\$63,893	\$74,073	\$89,774	\$108,511	5	Bachelor's degree
\$23.75	\$31.32	\$40.55	\$52,487	\$30,717	\$38,578	\$49,402	\$65,151	\$84,347	5	Bachelor's degree
\$28.85	\$34.92	\$48.67	\$62,889	\$39,906	\$45,752	\$60,006	\$72,631	\$101,230	5	Bachelor's degree
\$34.06	\$42.99	\$53.17	\$72,989	\$45,439	\$53,583	\$70,854	\$89,423	\$110,598	5	Bachelor's degree
\$24.00	\$32.66	\$41.69	\$55,099	\$35,596	\$40,581	\$49,923	\$67,928	\$86,718	5	Bachelor's degree
\$34.40	\$43.71	\$54.06	\$74,774	\$45,708	\$56,050	\$71,543	\$90,921	\$112,444	5	Bachelor's degree
\$31.74	\$39.59	\$47.89	\$68,848	\$46,777	\$53,779	\$66,021	\$82,354	\$99,619	5	Bachelor's degree
\$29.02	\$36.31	\$42.46	\$60,843	\$37,650	\$46,421	\$60,357	\$75,532	\$88,324	5	Bachelor's degree
									5	Bachelor's degree
\$30.09	\$34.02	\$40.73	\$61,938	\$41,160	\$52,026	\$62,594	\$70,767	\$84,714		
\$31.67	\$37.98	\$44.05	\$65,923	\$42,256	\$53,143	\$65,883	\$79,004	\$91,624	5	Bachelor's degree
\$31.88	\$39.42	\$44.92	\$65,801	\$34,759	\$48,402	\$66,313	\$81,992	\$93,431	5	Bachelor's degree
\$28.78	\$39.66	\$53.12	\$66,682	\$38,154	\$47,746	\$59,861	\$82,500	\$110,483	5	Bachelor's degree
									5	Bachelor's degree
\$23.09	\$30.16	\$35.88	\$50,551	\$31,699	\$35,336	\$48,031	\$62,734	\$74,621		
\$38.56	\$43.70	\$52.01	\$79,577	\$54,132	\$66,848	\$80,196	\$90,905	\$108,175	5	Bachelor's degree
\$29.10	\$35.13	\$40.37	\$62,404	\$48,387	\$52,886	\$60,520	\$73,073	\$83,960	5	Bachelor's degree
\$35.41	\$43.73	\$55.80	\$75,018	\$39,047	\$54,988	\$73,659	\$90,948	\$116,073	5	Bachelor's degree
\$15.80	\$20.37	\$24.45	\$34,505	\$20,730	\$24,955	\$32,861	\$42,363	\$50,860	7	Postsecondary vocational training
\$18.64	\$24.22	\$30.45	\$40,444	\$21,214	\$27,266	\$38,778	\$50,377	\$63,329	7	Postsecondary vocational training
\$18.90	\$25.33	\$29.37	\$42,346	\$25,803	\$30,781	\$39,306	\$52,687	\$61,097	7	Postsecondary vocational training
									6	Associate degree
\$29.61	\$33.97	\$37.08	\$59,704	\$38,759	\$50,865	\$61,597	\$70,668	\$77,116		
\$17.63	\$22.58	\$27.28	\$38,456	\$22,725	\$28,474	\$36,679	\$46,965	\$56,737	6	Associate degree
\$24.05	\$28.26	\$33.68	\$49,810	\$32,043	\$38,738	\$50,020	\$58,791	\$70,046	6	Associate degree
\$16.32	\$20.12	\$25.75	\$35,795	\$22,586	\$28,994	\$33,940	\$41,853	\$53,565	6	Associate degree
\$19.92	\$23.34	\$29.64	\$43,333	\$29,914	\$34,617	\$41,440	\$48,540	\$61,643	6	Associate degree
\$18.56	\$22.92	\$26.77	\$39,532	\$24,704	\$30,188	\$38,614	\$47,681	\$55,674	6	Associate degree
\$16.23	\$20.04	\$24.31	\$34,523	\$21,601	\$26,821	\$33,768	\$41,684	\$50,556	10	Moderate-term on-the-job training
									6	Associate degree
\$23.17	\$27.12	\$31.73	\$47,059	\$28,581	\$38,379	\$48,202	\$56,413	\$65,994		
\$29.69	\$35.70	\$40.87	\$58,170	\$31,263	\$39,972	\$61,753	\$74,261	\$85,014	5	Bachelor's degree
\$36.65	\$51.96	\$62.24	\$82,724	\$42,406	\$61,621	\$76,225	\$108,075	\$129,464	2	Doctoral degree
\$24.47	\$28.96	\$33.24	\$53,525	\$35,790	\$42,304	\$50,888	\$60,246	\$69,137	2	Doctoral degree
\$22.61	\$28.12	\$33.80	\$46,863	\$23,848	\$31,919	\$47,029	\$58,489	\$70,301	5	Bachelor's degree
\$24.27	\$29.25	\$33.38	\$50,757	\$34,308	\$41,264	\$50,492	\$60,837	\$69,440	5	Bachelor's degree
\$20.93	\$26.04	\$31.59	\$45,146	\$29,471	\$35,203	\$43,530	\$54,165	\$65,710	5	Bachelor's degree
\$19.16	\$24.33	\$29.98	\$42,067	\$23,435	\$31,664	\$39,851	\$50,612	\$62,352	3	Master's degree
\$20.58	\$32.39	\$47.25	\$56,090	\$28,389	\$37,480	\$42,816	\$67,366	\$98,287	2	Doctoral degree
\$24.32	\$30.95	\$37.89	\$52,671	\$28,300	\$38,555	\$50,586	\$64,374	\$78,805	5	Bachelor's degree
\$45.74	\$50.99	\$54.19	\$87,102	\$44,280	\$70,008	\$95,146	\$106,067	\$112,719	2	Doctoral degree
\$31.93	\$38.74	\$43.26	\$66,509	\$45,050	\$52,846	\$66,410	\$80,572	\$89,975	5	Bachelor's degree
\$22.94	\$31.35	\$40.47	\$51,445	\$22,985	\$37,318	\$47,712	\$65,208	\$84,175	5	Bachelor's degree
\$23.17	\$37.18	\$48.21	\$57,999	\$31,448	\$36,282	\$48,197	\$77,334	\$100,268	5	Bachelor's degree
									3	Master's degree
\$20.46	\$25.40	\$31.20	\$45,115	\$30,497	\$36,128	\$42,553	\$52,830	\$64,895		

Standard Occupation Classification (SOC)*		Employment		10 Year Employment Change			2003 Occupational			
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Sepa- rations	Total Openings	Mean	10th %tile	25th %tile
19-2042	Geoscientists, Except Hydrologists & Geographers	249	330	81	32.53%	44	125	\$29.84	\$15.61	\$19.21
19-2043	Hydrologists	389	491	102	26.22%	69	171	\$25.32	\$17.57	\$19.53
19-3011	Economists	253	295	42	16.60%	73	115	\$30.50	\$16.08	\$19.51
19-3021	Market Research Analysts	2,349	2,841	492	20.95%	609	1,101	\$22.64	\$12.94	\$16.34
19-3022	Survey Researchers	659	815	156	23.67%	171	327	\$9.92	\$7.20	\$8.08
19-3031	Clinical, Counseling, & School Psychologists	2,187	2,855	668	30.54%	477	1,145	\$23.79	\$11.82	\$15.33
19-3041	Sociologists	51	71	20	39.22%	18	38	\$20.91	\$14.42	\$15.55
19-3051	Urban & Regional Planners	939	1,150	211	22.47%	313	524	\$24.97	\$17.10	\$20.11
19-3091	Anthropologists & Archeologists	139	158	19	13.67%	28	47	\$20.57	\$10.98	\$14.59
19-3093	Historians	32	37	5	15.63%	6	11	\$27.61	\$18.51	\$21.13
19-3099	Social Scientists & Related Workers, All Other	775	863	88	11.35%	164	252	\$29.90	\$17.24	\$23.29
19-4011	Agricultural & Food Science Technicians	141	157	16	11.35%	27	43	\$26.30	\$15.01	\$17.18
19-4021	Biological Technicians	278	336	58	20.86%	47	105	\$13.80	\$9.84	\$11.47
19-4031	Chemical Technicians	464	590	126	27.16%	116	242	\$17.43	\$11.45	\$13.87
19-4041	Geological & Petroleum Technicians	55	62	7	12.73%	14	21	\$12.36	\$6.19	\$7.10
19-4091	Environmental Science & Protection Technicians, Including	263	371	108	41.06%	62	170	\$17.29	\$11.76	\$13.78
19-4092	Forensic Science Technicians	429	569	140	32.63%	101	241	\$21.76	\$14.51	\$16.38
19-4093	Forest & Conservation Technicians	225	249	24	10.67%	53	77	\$12.78	\$9.38	\$10.81
19-4099	Life, Physical, & Social Science Technicians, All Other	2,469	2,935	466	18.87%	581	1,047	\$16.23	\$6.46	\$8.94
21-1011	Substance Abuse & Behavioral Disorder Counselors	916	1,247	331	36.14%	209	540	\$18.16	\$6.77	\$11.06
21-1012	Educational, Vocational, & School Counselors	3,976	4,574	598	15.04%	908	1,506	\$17.93	\$11.02	\$13.65
21-1013	Marriage & Family Therapists	514	682	168	32.68%	117	285	\$16.53	\$12.09	\$14.29
21-1014	Mental Health Counselors	1,809	2,561	752	41.57%	413	1,165	\$18.07	\$8.81	\$12.68
21-1015	Rehabilitation Counselors	1,547	2,191	644	41.63%	353	997	\$12.58	\$7.54	\$9.17
21-1021	Child, Family, & School Social Workers	4,663	6,045	1,382	29.64%	798	2,180	\$14.57	\$8.53	\$11.63
21-1022	Medical & Public Health Social Workers	1,086	1,615	529	48.71%	186	715	\$18.71	\$10.91	\$13.79
21-1023	Mental Health & Substance Abuse Social Workers	1,873	2,859	986	52.64%	321	1,307	\$13.36	\$8.46	\$9.75
21-1091	Health Educators	613	796	183	29.85%	108	291	\$17.62	\$10.71	\$12.93
21-1092	Probation Officers & Correctional Treatment Specialists	3,412	4,194	782	22.92%	601	1,383	\$16.03	\$11.21	\$13.00
21-1093	Social & Human Service Assistants	3,853	6,093	2,240	58.14%	678	2,918	\$12.88	\$8.32	\$9.93
21-2011	Clergy	1,096	1,218	122	11.13%	225	347	\$16.60	\$8.45	\$11.30
21-2021	Directors, Religious Activities & Education	2,298	2,699	401	17.45%	253	654	\$18.76	\$11.66	\$17.33
21-9099	Counselors, Social, & Religious Workers, All Other (OES Only)	1,838	2,417	579	31.50%	343	922	\$18.64	\$10.80	\$14.54
23-1011	Lawyers	12,511	15,258	2,747	21.96%	1,608	4,355	\$43.91	\$24.25	\$30.17
23-1022	Arbitrators, Mediators, & Conciliators	81	96	15	18.52%	10	25	\$20.88	\$10.81	\$12.71
23-1023	Judges, Magistrate Judges, & Magistrates	429	525	96	22.38%	55	151	\$36.36	\$22.05	\$29.50
23-2011	Paralegals & Legal Assistants	3,268	4,250	982	30.05%	262	1,244	\$18.14	\$8.76	\$13.06
23-2091	Court Reporters	389	478	89	22.88%	43	132	\$19.42	\$7.36	\$16.73
23-2092	Law Clerks	1,490	1,610	120	8.05%	163	283	\$14.47	\$9.97	\$11.53
23-2093	Title Examiners, Abstractors, & Searchers	1,081	1,162	81	7.49%	118	199	\$17.92	\$9.98	\$11.63
23-9099	Legal & Related Workers, All Other (OES Only)	1,517	1,763	246	16.22%	166	412	\$17.73	\$11.07	\$13.13
25-1011	Business Teachers, Postsecondary	2,976	3,827	851	28.60%	672	1,523			
25-1021	Computer Science Teachers, Postsecondary	2,330	2,986	656	28.15%	526	1,182			
25-1032	Engineering Teachers, Postsecondary	1,037	1,305	268	25.84%	234	502			
25-1041	Agricultural Sciences Teachers, Postsecondary	632	788	156	24.68%	143	299			
25-1042	Biological Science Teachers, Postsecondary	976	1,228	252	25.82%	220	472			
25-1052	Chemistry Teachers, Postsecondary	1,385	1,766	381	27.51%	313	694			
25-1063	Economics Teachers, Postsecondary	995	1,266	271	27.24%	225	496			
25-1071	Health Specialties Teachers, Postsecondary	2,314	3,035	721	31.16%	523	1,244			
25-1072	Nursing Instructors & Teachers, Postsecondary	1,199	1,532	333	27.77%	271	604			
25-1121	Art, Drama, & Music Teachers, Postsecondary	1,540	2,004	464	30.13%	348	812			
25-1123	English Language & Literature Teachers, Postsecondary	2,020	2,555	535	26.49%	456	991			
25-1126	Philosophy & Religion Teachers, Postsecondary	150	195	45	30.00%	34	79			

Hourly Wage Estimates			2003 Occupational Annual Wage Estimates						Training Requirements	
Median Wage	75th %tile	90th %tile	Mean	10th %tile	25th %tile	Median Wage	75th %tile	90th %tile	Code	Description
\$24.80	\$35.80	\$46.61	\$62,063	\$32,474	\$39,955	\$51,582	\$74,458	\$96,940	3	Master's degree
\$23.04	\$28.51	\$36.93	\$52,658	\$36,552	\$40,618	\$47,933	\$59,303	\$76,804	3	Master's degree
\$26.91	\$38.43	\$49.25	\$63,447	\$33,456	\$40,574	\$55,972	\$79,941	\$102,431	3	Master's degree
\$20.27	\$27.07	\$37.06	\$47,101	\$26,910	\$33,980	\$42,160	\$56,297	\$77,083	3	Master's degree
\$9.53	\$11.26	\$13.06	\$20,633	\$14,969	\$16,805	\$19,822	\$23,417	\$27,174	3	Master's degree
\$20.15	\$26.47	\$35.20	\$49,476	\$24,589	\$31,887	\$41,916	\$55,051	\$73,220	2	Doctoral degree
\$21.86	\$24.90	\$26.71	\$43,485	\$29,985	\$32,339	\$45,469	\$51,787	\$55,551	3	Master's degree
\$24.37	\$29.12	\$34.67	\$51,938	\$35,566	\$41,836	\$50,684	\$60,574	\$72,109	3	Master's degree
\$19.83	\$25.36	\$31.23	\$42,793	\$22,843	\$30,354	\$41,247	\$52,753	\$64,960	3	Master's degree
\$28.67	\$33.25	\$38.63	\$57,429	\$38,502	\$43,941	\$59,636	\$69,163	\$80,346	3	Master's degree
\$29.15	\$34.87	\$42.01	\$62,186	\$35,869	\$48,435	\$60,631	\$72,536	\$87,387	3	Master's degree
\$28.98	\$31.94	\$33.71	\$54,712	\$31,218	\$35,734	\$60,288	\$66,437	\$70,121	6	Associate degree
\$12.94	\$15.70	\$19.83	\$28,709	\$20,465	\$23,848	\$26,911	\$32,664	\$41,255	6	Associate degree
\$16.17	\$20.92	\$26.23	\$36,257	\$23,808	\$28,846	\$33,627	\$43,508	\$54,551	6	Associate degree
\$9.69	\$14.65	\$26.00	\$25,717	\$12,880	\$14,768	\$20,164	\$30,474	\$54,078	6	Associate degree
\$15.87	\$19.44	\$26.16	\$35,962	\$24,452	\$28,653	\$33,012	\$40,426	\$54,403	6	Associate degree
\$20.09	\$25.85	\$33.29	\$45,262	\$30,184	\$34,076	\$41,793	\$53,774	\$69,241	6	Associate degree
\$12.25	\$14.10	\$16.83	\$26,581	\$19,519	\$22,478	\$25,475	\$29,324	\$35,013	6	Associate degree
\$14.83	\$23.11	\$27.94	\$33,759	\$13,428	\$18,587	\$30,837	\$48,077	\$58,122	6	Associate degree
\$15.32	\$19.52	\$23.96	\$37,765	\$14,081	\$23,000	\$31,858	\$40,597	\$49,845	3	Master's degree
\$17.29	\$21.80	\$26.69	\$37,305	\$22,915	\$28,391	\$35,953	\$45,348	\$55,520	3	Master's degree
\$16.17	\$18.19	\$21.49	\$34,379	\$25,157	\$29,727	\$33,628	\$37,844	\$44,698	3	Master's degree
\$16.61	\$21.85	\$27.59	\$37,581	\$18,329	\$26,376	\$34,555	\$45,458	\$57,389	3	Master's degree
\$11.53	\$13.61	\$19.28	\$26,171	\$15,690	\$19,075	\$23,983	\$28,318	\$40,096	3	Master's degree
\$14.50	\$16.87	\$20.63	\$30,315	\$17,747	\$24,198	\$30,166	\$35,099	\$42,918	5	Bachelor's degree
\$18.28	\$22.89	\$27.90	\$38,907	\$22,702	\$28,686	\$38,013	\$47,610	\$58,038	5	Bachelor's degree
\$12.05	\$15.93	\$20.09	\$27,789	\$17,598	\$20,286	\$25,069	\$33,140	\$41,784	3	Master's degree
\$16.25	\$21.83	\$27.29	\$36,653	\$22,277	\$26,896	\$33,800	\$45,410	\$56,769	5	Bachelor's degree
\$15.66	\$18.93	\$21.74	\$33,345	\$23,313	\$27,035	\$32,571	\$39,368	\$45,221	10	Moderate-term on-the-job training
\$12.15	\$15.11	\$19.08	\$26,795	\$17,313	\$20,658	\$25,267	\$31,432	\$39,680	1	First professional degree
\$15.74	\$18.90	\$26.68	\$34,524	\$17,568	\$23,502	\$32,732	\$39,305	\$55,488	5	Bachelor's degree
\$19.04	\$20.97	\$24.61	\$39,015	\$24,262	\$36,053	\$39,611	\$43,626	\$51,186	5	Bachelor's degree
\$18.52	\$22.86	\$26.70	\$38,765	\$22,467	\$30,249	\$38,527	\$47,544	\$55,537	1	First professional degree
\$38.47	\$51.90	\$69.69	\$91,328	\$50,445	\$62,755	\$80,010	\$107,959	\$144,949	4	Bachelor's or higher degree, plus work experience
\$17.39	\$30.65	\$34.37	\$43,422	\$22,484	\$26,433	\$36,171	\$63,742	\$71,494	4	Bachelor's or higher degree, plus work experience
\$33.45	\$44.92	\$53.10	\$75,637	\$45,865	\$61,367	\$69,567	\$93,434	\$110,439	6	Associate degree
\$16.40	\$21.68	\$28.23	\$37,724	\$18,217	\$27,158	\$34,113	\$45,093	\$58,710	7	Postsecondary vocational training
\$20.24	\$24.09	\$26.78	\$40,395	\$15,302	\$34,788	\$42,092	\$50,100	\$55,697	5	Bachelor's degree
\$13.84	\$16.58	\$20.06	\$30,094	\$20,736	\$23,982	\$28,796	\$34,495	\$41,726	10	Moderate-term on-the-job training
\$15.48	\$21.48	\$27.29	\$37,264	\$20,760	\$24,194	\$32,209	\$44,684	\$56,763	5	Bachelor's degree
\$16.51	\$21.11	\$26.30	\$36,869	\$23,030	\$27,303	\$34,331	\$43,912	\$54,709	3	Master's degree
			\$42,399	\$22,881	\$30,276	\$39,887	\$51,061	\$62,143	3	Master's degree
			\$42,178	\$24,995	\$29,116	\$39,600	\$52,721	\$67,333	2	Doctoral degree
			\$43,019	\$26,158	\$30,759	\$38,497	\$52,446	\$69,242	2	Doctoral degree
			\$51,317	\$29,401	\$33,342	\$45,547	\$67,016	\$85,544	2	Doctoral degree
			\$40,484	\$20,275	\$24,130	\$38,500	\$49,881	\$68,744	2	Doctoral degree
			\$37,337	\$23,374	\$26,981	\$35,137	\$43,675	\$55,157	2	Doctoral degree
			\$56,932	\$26,047	\$37,380	\$44,855	\$69,673	\$111,559	3	Master's degree
			\$42,831	\$23,136	\$27,045	\$36,532	\$51,373	\$71,961	2	Doctoral degree
			\$50,735	\$25,177	\$33,061	\$48,185	\$65,096	\$76,217	3	Master's degree
			\$45,460	\$24,116	\$29,140	\$40,143	\$57,048	\$78,699	3	Master's degree
			\$42,097	\$19,488	\$24,614	\$35,879	\$55,505	\$72,961	2	Doctoral degree
			\$38,788	\$24,330	\$28,131	\$35,616	\$47,917	\$59,893		

Standard Occupation Classification (SOC)*		Employment		10 Year Employment Change				2003 Occupational		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Sepa- rations	Total Openings	Mean	10th %tile	25th %tile
25-1194	Vocational Education Teachers, Postsecondary	3,000	4,045	1,045	34.83%	677	1,722	\$15.58	\$7.76	\$10.67
25-1199	Postsecondary Teachers, All Other	4,770	6,011	1,241	26.02%	1,077	2,318			
25-2011	Preschool Teachers, Except Special Education	8,672	11,397	2,725	31.42%	1,031	3,756	\$9.93	\$6.08	\$7.06
25-2012	Kindergarten Teachers, Except Special Education	3,039	4,061	1,022	33.63%	361	1,383			
25-2021	Elementary School Teachers, Except Special Education	29,468	35,810	6,342	21.52%	6,503	12,845			
25-2022	Middle School Teachers, Except Special & Vocational Education	7,361	8,487	1,126	15.30%	1,624	2,750			
25-2023	Vocational Education Teachers, Middle School	154	180	26	16.88%	34	60			
25-2031	Secondary School Teachers, Except Special & Vocational Education	13,132	16,434	3,302	25.14%	3,695	6,997			
25-2032	Vocational Education Teachers, Secondary School	902	1,042	140	15.52%	254	394			
25-2041	Special Education Teachers, Preschool, Kindergarten, & Elementary	3,380	4,628	1,248	36.92%	806	2,054			
25-2042	Special Education Teachers, Middle School	666	917	251	37.69%	159	410			
25-2043	Special Education Teachers, Secondary School	1,607	2,205	598	37.21%	383	981			
25-3011	Adult Literacy, Remedial Education, & GED Teachers & Instructors	1,221	1,461	240	19.66%	150	390	\$15.36	\$9.98	\$12.03
25-3021	Self-Enrichment Education Teachers	4,478	6,250	1,772	39.57%	551	2,323	\$14.85	\$6.77	\$8.44
25-3999	Teachers, Primary, Secondary, & Adult, All Other (OES Only)	3,659	5,034	1,375	37.58%	450	1,825			
25-4010	Archivists, Curators, & Museum Technicians	1,056	1,188	132	12.50%	232	364	\$21.84	\$11.19	\$13.97
25-4021	Librarians	2,722	3,109	387	14.22%	649	1,036	\$20.62	\$12.95	\$15.83
25-4031	Library Technicians	2,041	2,445	404	19.79%	754	1,158	\$12.34	\$7.15	\$9.21
25-9011	Audio-Visual Collections Specialists	495	538	43	8.69%	75	118	\$22.67	\$6.80	\$11.78
25-9031	Instructional Coordinators	3,608	4,443	835	23.14%	549	1,384	\$19.35	\$10.99	\$13.71
25-9041	Teacher Assistants	23,611	29,684	6,073	25.72%	4,560	10,633			
25-9199	Library, Museum, Training, & Other Education Workers, All	377	471	94	24.93%	57	151	\$15.34	\$9.16	\$10.77
27-1011	Art Directors	546	572	26	4.76%	118	144	\$27.66	\$14.83	\$17.72
27-1013	Fine Artists, Including Painters, Sculptors, & Illustrator	515	591	76	14.76%	112	188	\$21.59	\$11.57	\$13.63
27-1014	Multi-Media Artists & Animators	1,085	1,136	51	4.70%	235	286	\$15.71	\$9.18	\$10.36
27-1021	Commercial & Industrial Designers	762	857	95	12.47%	102	197	\$23.07	\$14.31	\$16.62
27-1022	Fashion Designers	155	222	67	43.23%	21	88	\$27.60	\$11.04	\$14.73
27-1023	Floral Designers	1,904	2,542	638	33.51%	254	892	\$9.03	\$5.73	\$6.47
27-1024	Graphic Designers	3,980	4,853	873	21.93%	532	1,405	\$16.38	\$8.97	\$11.58
27-1025	Interior Designers	1,185	1,492	307	25.91%	158	465	\$18.81	\$11.30	\$12.76
27-1026	Merchandise Displayers & Window Trimmers	1,628	1,906	278	17.08%	217	495	\$11.18	\$6.44	\$7.81
27-1027	Set & Exhibit Designers	317	376	59	18.61%	42	101	\$13.19	\$7.75	\$9.20
27-1099	Art & Design Workers, All Other (OES Only)	1,667	1,830	163	9.78%	297	460	\$19.19	\$10.31	\$14.08
27-2011	Actors	720	817	97	13.47%	91	188			
27-2012	Producers & Directors	899	1,006	107	11.90%	134	241			
27-2021	Athletes & Sports Competitors	349	420	71	20.34%	67	138			
27-2022	Coaches & Scouts	1,975	2,306	331	16.76%	379	710			
27-2032	Choreographers	547	643	96	17.55%	337	433	\$15.71	\$6.84	\$8.52
27-2041	Music Directors & Composers	199	192	-7	-3.52%	42	42			
27-2042	Musicians & Singers	1,139	1,285	146	12.82%	239	385			
27-2099	Entertainers & Performers, Sports & Related Workers, All	524	570	46	8.78%	64	110			
27-3010	Announcers	803	787	-16	-1.99%	204	204	\$16.70	\$6.57	\$8.24
27-3020	News Analysts, Reporters & Correspondents	650	751	101	15.54%	157	258	\$21.99	\$9.57	\$11.74
27-3031	Public Relations Specialists	2,807	3,788	981	34.95%	403	1,384	\$18.46	\$9.27	\$13.30
27-3041	Editors	1,485	1,675	190	12.79%	360	550	\$21.23	\$11.09	\$14.21
27-3042	Technical Writers	1,150	1,335	185	16.09%	331	516	\$23.02	\$13.28	\$16.83
27-3043	Writers & Authors	2,552	2,814	262	10.27%	438	700	\$21.03	\$9.78	\$12.43
27-3091	Interpreters & Translators	1,004	1,261	257	25.60%	121	378	\$14.87	\$11.26	\$12.42
27-3099	Media & Communication Workers, All Other	1,115	1,291	176	15.78%	135	311	\$16.41	\$7.94	\$9.05
27-4011	Audio & Video Equipment Technicians	694	882	188	27.09%	170	358	\$14.28	\$6.23	\$8.19
27-4012	Broadcast Technicians	493	549	56	11.36%	121	177	\$12.78	\$6.76	\$7.76
27-4013	Radio Operators	31	28	-3	-9.68%	8	8	\$14.74	\$7.30	\$9.55
27-4014	Sound Engineering Technicians	231	275	44	19.05%	57	101	\$14.98	\$6.61	\$8.02
27-4021	Photographers	2,447	2,691	244	9.97%	499	743	\$14.61	\$9.02	\$10.46

Hourly Wage Estimates			2003 Occupational Annual Wage Estimates						Training Requirements	
Median Wage	75th %tile	90th %tile	Mean	10th %tile	25th %tile	Median Wage	75th %tile	90th %tile	Code	Description
\$14.78	\$19.63	\$25.17	\$32,409	\$16,134	\$22,201	\$30,739	\$40,838	\$52,363	8	Work experience in a related occupation
			\$50,316	\$17,421	\$26,811	\$44,794	\$69,315	\$96,978	2	Doctoral degree
									7	Postsecondary vocational training
\$8.63	\$11.76	\$16.36	\$20,648	\$12,642	\$14,692	\$17,954	\$24,461	\$34,019		
			\$37,764	\$24,063	\$29,004	\$35,498	\$45,550	\$57,494	5	Bachelor's degree
			\$35,693	\$23,638	\$27,703	\$34,012	\$42,410	\$52,463	5	Bachelor's degree
			\$39,614	\$26,300	\$30,970	\$36,931	\$47,205	\$58,178	5	Bachelor's degree
			\$33,767	\$23,127	\$27,173	\$33,114	\$39,821	\$45,007	4	Bachelor's or higher degree, plus work experience
			\$40,754	\$25,327	\$31,011	\$38,948	\$49,459	\$60,564	5	Bachelor's degree
			\$36,837	\$24,286	\$29,582	\$35,760	\$43,597	\$53,482	4	Bachelor's or higher degree, plus work experience
			\$36,728	\$22,777	\$28,503	\$34,737	\$43,786	\$55,725	5	Bachelor's degree
			\$35,458	\$25,009	\$29,650	\$33,778	\$41,260	\$51,413	5	Bachelor's degree
			\$41,000	\$22,971	\$29,169	\$37,115	\$51,154	\$66,998	5	Bachelor's degree
\$14.67	\$18.25	\$21.69	\$31,945	\$20,752	\$25,014	\$30,508	\$37,967	\$45,120	5	Bachelor's degree
\$12.90	\$17.77	\$26.11	\$30,888	\$14,081	\$17,558	\$26,835	\$36,957	\$54,314	8	Work experience in a related occupation
			\$36,781	\$21,854	\$25,874	\$33,131	\$45,925	\$58,607	5	Bachelor's degree
\$18.79	\$26.54	\$36.36	\$45,430	\$23,272	\$29,054	\$39,080	\$55,196	\$75,629	3	Master's degree
\$19.50	\$24.59	\$30.31	\$42,883	\$26,945	\$32,921	\$40,563	\$51,154	\$63,042	3	Master's degree
\$11.65	\$15.19	\$18.67	\$25,667	\$14,862	\$19,154	\$24,242	\$31,591	\$38,827	11	Short-term on-the-job training
\$23.15	\$31.10	\$42.31	\$47,147	\$14,150	\$24,495	\$48,143	\$64,681	\$88,009	10	Moderate-term on-the-job training
\$17.52	\$23.12	\$29.83	\$40,256	\$22,864	\$28,515	\$36,438	\$48,099	\$62,055	3	Master's degree
			\$18,302	\$12,834	\$14,860	\$17,460	\$21,113	\$25,131	11	Short-term on-the-job training
									5	Bachelor's degree
\$15.89	\$18.99	\$20.92	\$31,902	\$19,054	\$22,396	\$33,059	\$39,493	\$43,518		
\$24.89	\$32.23	\$43.90	\$57,536	\$30,845	\$36,852	\$51,778	\$67,033	\$91,320	4	Bachelor's or higher degree, plus work experience
									9	Long-term on-the-job training
\$18.71	\$29.82	\$35.43	\$44,897	\$24,067	\$28,351	\$38,917	\$62,024	\$73,704		
\$14.28	\$19.27	\$26.10	\$32,671	\$19,099	\$21,554	\$29,708	\$40,075	\$54,292	5	Bachelor's degree
\$21.75	\$26.67	\$32.62	\$47,975	\$29,757	\$34,576	\$45,245	\$55,477	\$67,857	5	Bachelor's degree
\$18.18	\$38.87	\$52.97	\$57,406	\$22,972	\$30,644	\$37,805	\$80,851	\$110,175	5	Bachelor's degree
\$9.19	\$11.03	\$12.86	\$18,778	\$11,929	\$13,458	\$19,114	\$22,944	\$26,750	10	Moderate-term on-the-job training
\$15.09	\$20.00	\$25.82	\$34,075	\$18,651	\$24,085	\$31,386	\$41,594	\$53,707	5	Bachelor's degree
\$16.79	\$22.05	\$29.83	\$39,134	\$23,513	\$26,536	\$34,922	\$45,862	\$62,045	5	Bachelor's degree
\$10.45	\$13.11	\$16.49	\$23,258	\$13,395	\$16,241	\$21,731	\$27,263	\$34,308	10	Moderate-term on-the-job training
\$12.59	\$15.99	\$20.25	\$27,438	\$16,128	\$19,137	\$26,182	\$33,269	\$42,118	5	Bachelor's degree
\$17.57	\$24.16	\$28.21	\$39,914	\$21,450	\$29,296	\$36,553	\$50,246	\$58,667	5	Bachelor's degree
			\$66,177	\$14,527	\$17,223	\$34,976	\$105,268		9	Long-term on-the-job training
			\$48,899	\$23,169	\$28,957	\$37,550	\$55,961	\$80,742	4	Bachelor's or higher degree, plus work experience
			\$124,468	\$14,314	\$30,836	\$128,032			9	Long-term on-the-job training
			\$30,840	\$13,583	\$18,671	\$23,057	\$33,931	\$52,686	9	Long-term on-the-job training
\$14.58	\$21.76	\$26.35	\$32,674	\$14,219	\$17,719	\$30,333	\$45,251	\$54,814	8	Work experience in a related occupation
			\$51,016	\$14,760	\$17,497	\$35,462	\$101,798	\$115,912	4	Bachelor's or higher degree, plus work experience
			\$62,187	\$13,895	\$37,918	\$71,062	\$87,367	\$94,431	9	Long-term on-the-job training
									9	Long-term on-the-job training
			\$31,664	\$13,230	\$18,708	\$27,771	\$42,204	\$52,255		
\$11.09	\$20.24	\$32.63	\$34,746	\$13,676	\$17,135	\$23,068	\$42,107	\$67,863	9	Long-term on-the-job training
\$20.98	\$28.28	\$34.85	\$45,735	\$19,898	\$24,420	\$43,644	\$58,817	\$72,493	4	Bachelor's or higher degree, plus work experience
\$17.39	\$22.56	\$28.72	\$38,399	\$19,284	\$27,655	\$36,164	\$46,927	\$59,748	5	Bachelor's degree
\$19.07	\$27.44	\$34.65	\$44,158	\$23,060	\$29,559	\$39,664	\$57,085	\$72,073	5	Bachelor's degree
\$22.01	\$27.92	\$34.78	\$47,876	\$27,626	\$34,998	\$45,791	\$58,067	\$72,350	5	Bachelor's degree
\$17.74	\$24.47	\$38.22	\$43,748	\$20,352	\$25,857	\$36,907	\$50,897	\$79,499	5	Bachelor's degree
\$14.41	\$16.59	\$20.54	\$30,939	\$23,419	\$25,832	\$29,978	\$34,499	\$42,732	9	Long-term on-the-job training
\$13.68	\$19.67	\$28.77	\$34,133	\$16,511	\$18,823	\$28,451	\$40,923	\$59,842	9	Long-term on-the-job training
\$12.29	\$18.45	\$26.31	\$29,694	\$12,951	\$17,032	\$25,560	\$38,375	\$54,724	9	Long-term on-the-job training
\$10.00	\$17.29	\$21.28	\$26,588	\$14,059	\$16,142	\$20,797	\$35,954	\$44,268	6	Associate degree
\$14.79	\$18.46	\$24.63	\$30,656	\$15,192	\$19,869	\$30,761	\$38,393	\$51,237	10	Moderate-term on-the-job training
\$12.40	\$20.57	\$26.73	\$31,158	\$13,758	\$16,678	\$25,793	\$42,786	\$55,606	7	Postsecondary vocational training
\$13.85	\$17.58	\$21.83	\$30,388	\$18,755	\$21,765	\$28,800	\$36,573	\$45,409	9	Long-term on-the-job training

Standard Occupation Classification (SOC)*		Employment		10 Year Employment Change				2003 Occupational		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Sepa- rations	Total Openings	Mean	10th %tile	25th %tile
27-4031	Camera Operators, Television, Video, & Motion Picture	489	642	153	31.29%	104	257	\$13.70	\$7.47	\$10.58
27-4032	Film & Video Editors	169	202	33	19.53%	36	69	\$19.75	\$9.37	\$14.46
27-4099	Media & Communication Equipment Workers, All Other	347	397	50	14.41%	74	124	\$25.37	\$8.67	\$18.31
29-1011	Chiropractors	1,059	1,330	271	25.59%	201	472	\$58.88	\$28.03	\$45.24
29-1020	Dentists	4,502	5,527	1,025	22.77%	755	1,780	\$68.69	\$49.66	\$58.54
29-1031	Dietitians & Nutritionists	1,066	1,467	401	37.62%	278	679	\$19.95	\$12.20	\$14.79
29-1041	Optometrists	479	577	98	20.46%	133	231	\$41.68	\$12.16	\$20.66
29-1051	Pharmacists	3,210	4,882	1,672	52.09%	622	2,294	\$38.13	\$30.29	\$35.98
29-1061	Anesthesiologists	229	312	83	36.24%	31	114	\$93.29	\$53.29	
29-1062	Family & General Practitioners	2,829	3,858	1,029	36.37%	378	1,407	\$76.97	\$35.56	\$55.35
29-1063	Internists, General	406	550	144	35.47%	54	198	\$94.81	\$61.84	
29-1064	Obstetricians & Gynecologists	209	288	79	37.80%	28	107	\$95.17	\$63.36	
29-1065	Pediatricians, General	309	423	114	36.89%	41	155	\$65.40	\$41.00	\$48.31
29-1066	Psychiatrists	312	435	123	39.42%	42	165	\$74.19	\$46.91	\$57.94
29-1067	Surgeons	320	439	119	37.19%	43	162	\$90.65	\$48.86	
29-1069	Physicians & Surgeons, All Other	3,284	4,381	1,097	33.40%	439	1,536	\$82.68	\$45.92	\$59.35
29-1071	Physician Assistants	2,341	4,178	1,837	78.47%	360	2,197	\$28.72	\$18.25	\$21.19
29-1081	Podiatrists	311	396	85	27.33%	76	161	\$50.94	\$28.79	\$36.83
29-1111	Registered Nurses	34,123	53,901	19,778	57.96%	7,140	26,918	\$24.34	\$17.90	\$20.16
29-1121	Audiologists	293	401	108	36.86%	71	179	\$20.55	\$11.55	\$14.01
29-1122	Occupational Therapists	1,003	1,550	547	54.54%	136	683	\$22.58	\$10.16	\$14.44
29-1123	Physical Therapists	2,341	3,636	1,295	55.32%	230	1,525	\$29.10	\$18.83	\$23.81
29-1124	Radiation Therapists	538	890	352	65.43%	123	475	\$29.95	\$22.38	\$27.83
29-1125	Recreational Therapists	400	517	117	29.25%	96	213	\$13.13	\$7.36	\$9.05
29-1126	Respiratory Therapists	1,285	2,197	912	70.97%	422	1,334	\$18.86	\$14.61	\$15.81
29-1127	Speech-Language Pathologists	1,213	1,634	421	34.71%	302	723	\$21.75	\$12.09	\$16.16
29-1131	Veterinarians	1,223	1,382	159	13.00%	295	454	\$30.77	\$19.44	\$23.70
29-1199	Health Diagnosing & Treating Practitioners, All Other	811	1,187	376	46.36%	176	552	\$30.36	\$6.36	\$9.80
29-2011	Medical & Clinical Laboratory Technologists	2,076	3,090	1,014	48.84%	559	1,573	\$21.74	\$16.03	\$18.60
29-2012	Medical & Clinical Laboratory Technicians	4,851	7,168	2,317	47.76%	1,307	3,624	\$13.70	\$9.19	\$11.11
29-2021	Dental Hygienists	1,720	2,942	1,222	71.05%	147	1,369	\$28.69	\$16.56	\$23.10
29-2031	Cardiovascular Technologists & Technicians	561	904	343	61.14%	105	448	\$18.38	\$11.37	\$13.72
29-2032	Diagnostic Medical Sonographers	825	1,267	442	53.58%	154	596	\$26.54	\$17.95	\$21.83
29-2033	Nuclear Medicine Technologists	210	324	114	54.29%	39	153	\$25.46	\$20.34	\$23.29
29-2034	Radiologic Technologists & Technicians	4,059	6,119	2,060	50.75%	758	2,818	\$19.33	\$12.74	\$15.80
29-2041	Emergency Medical Technicians & Paramedics	2,195	3,347	1,152	52.48%	252	1,404	\$14.46	\$7.31	\$9.64
29-2051	Dietetic Technicians	1,006	1,458	452	44.93%	131	583	\$10.39	\$7.24	\$8.29
29-2052	Pharmacy Technicians	2,997	4,497	1,500	50.05%	391	1,891	\$11.69	\$8.60	\$9.74
29-2053	Psychiatric Technicians	651	951	300	46.08%	85	385	\$12.19	\$9.18	\$10.09
29-2054	Respiratory Therapy Technicians	813	1,426	613	75.40%	106	719	\$14.63	\$10.28	\$12.28
29-2055	Surgical Technologists	1,693	2,768	1,075	63.50%	221	1,296	\$19.65	\$12.15	\$14.34
29-2056	Veterinary Technologists & Technicians	1,660	2,191	531	31.99%	216	747	\$11.28	\$7.92	\$9.28
29-2061	Licensed Practical & Licensed Vocational Nurses	9,001	12,507	3,506	38.95%	1,962	5,468	\$16.40	\$11.78	\$14.20
29-2071	Medical Records & Health Information Technicians	3,137	5,397	2,260	72.04%	449	2,709	\$12.11	\$7.69	\$9.01
29-2081	Opticians, Dispensing	1,159	1,484	325	28.04%	203	528	\$12.27	\$8.18	\$9.57
29-2091	Orthotists & Prosthetists	64	84	20	31.25%	10	30	\$17.98	\$10.04	\$11.47
29-9010	Occupational Health & Safety Specialists & Technicians	563	652	89	15.81%	122	211	\$22.63	\$14.78	\$18.22
29-9091	Athletic Trainers	169	211	42	24.85%	37	79			
29-9199	Health Professionals & Technicians, All Other (OES Only)	1,645	2,522	877	53.31%	298	1,175	\$14.43	\$9.11	\$10.28
31-1011	Home Health Aides	10,284	16,077	5,793	56.33%	1,347	7,140	\$8.80	\$6.85	\$7.64
31-1012	Nursing Aides, Orderlies, & Attendants	18,763	28,037	9,274	49.43%	2,458	11,732	\$9.77	\$7.23	\$8.31
31-1013	Psychiatric Aides	1,031	1,553	522	50.63%	135	657	\$10.35	\$7.89	\$8.84
31-2011	Occupational Therapist Assistants	232	355	123	53.02%	29	152	\$15.06	\$8.08	\$11.31
31-2012	Occupational Therapist Aides	121	190	69	57.02%	15	84	\$11.32	\$7.97	\$9.50
31-2021	Physical Therapist Assistants	1,535	2,544	1,009	65.73%	256	1,265	\$14.58	\$9.00	\$10.98
31-2022	Physical Therapist Aides	1,336	2,227	891	66.69%	223	1,114	\$8.85	\$6.09	\$7.28
31-9011	Massage Therapists	2,142	2,639	497	23.20%	415	912	\$17.44	\$7.24	\$8.78
31-9091	Dental Assistants	5,239	8,963	3,724	71.08%	1,465	5,189	\$12.69	\$6.88	\$9.87
31-9092	Medical Assistants	11,652	20,649	8,997	77.21%	2,155	11,152	\$11.36	\$7.94	\$9.33
31-9093	Medical Equipment Preparers	818	1,225	407	49.76%	151	558	\$12.41	\$9.06	\$10.32
31-9094	Medical Transcriptionists	1,802	2,504	702	38.96%	333	1,035	\$14.05	\$10.23	\$11.68

Hourly Wage Estimates			2003 Occupational Annual Wage Estimates						Training Requirements	
Median Wage	75th %tile	90th %tile	Mean	10th %tile	25th %tile	Median Wage	75th %tile	90th %tile	Code	Description
\$14.07	\$15.87	\$16.99	\$28,487	\$15,546	\$22,008	\$29,258	\$33,017	\$35,345	10	Moderate-term on-the-job training
\$20.39	\$25.99	\$28.43	\$41,081	\$19,485	\$30,085	\$42,418	\$54,053	\$59,142	5	Bachelor's degree
									10	Moderate-term on-the-job training
\$27.28	\$33.17	\$39.21	\$52,764	\$18,024	\$38,086	\$56,733	\$69,000	\$81,552		
\$55.21	\$68.45		\$122,476	\$58,297	\$94,108	\$114,828	\$142,371		1	First professional degree
\$64.70			\$142,866	\$103,294	\$121,771	\$134,574			1	First professional degree
\$18.73	\$24.14	\$30.42	\$41,486	\$25,378	\$30,756	\$38,956	\$50,205	\$63,268	5	Bachelor's degree
\$40.23	\$53.99	\$69.87	\$86,691	\$25,301	\$42,964	\$83,685	\$112,296	\$145,321	1	First professional degree
\$39.65	\$43.14	\$45.90	\$79,313	\$63,011	\$74,837	\$82,465	\$89,736	\$95,479	1	First professional degree
			\$194,045	\$110,853					1	First professional degree
			\$160,098	\$73,967	\$115,125				1	First professional degree
			\$197,200	\$128,630					1	First professional degree
			\$197,948	\$131,781					1	First professional degree
\$56.44			\$136,042	\$85,272	\$100,476	\$117,396			1	First professional degree
\$68.93			\$154,308	\$97,580	\$120,516	\$143,367			1	First professional degree
			\$188,545	\$101,622					1	First professional degree
			\$171,966	\$95,517	\$123,457				1	First professional degree
\$27.41	\$36.45	\$43.38	\$59,729	\$37,967	\$44,077	\$57,020	\$75,815	\$90,223	5	Bachelor's degree
\$53.72	\$64.00		\$105,946	\$59,874	\$76,598	\$111,729	\$133,112		1	First professional degree
\$23.88	\$27.99	\$33.17	\$50,621	\$37,235	\$41,932	\$49,667	\$58,216	\$68,997	6	Associate degree
\$20.62	\$25.29	\$29.55	\$42,737	\$24,020	\$29,138	\$42,885	\$52,603	\$61,461	3	Master's degree
\$23.68	\$27.97	\$33.74	\$46,971	\$21,125	\$30,033	\$49,263	\$58,177	\$70,173	5	Bachelor's degree
\$28.88	\$35.16	\$41.20	\$60,538	\$39,171	\$49,519	\$60,075	\$73,140	\$85,696	3	Master's degree
\$30.59	\$33.48	\$37.85	\$62,288	\$46,541	\$57,888	\$63,628	\$69,634	\$78,727	6	Associate degree
\$12.85	\$16.33	\$19.65	\$27,309	\$15,315	\$18,824	\$26,735	\$33,976	\$40,874	5	Bachelor's degree
\$17.78	\$20.88	\$25.83	\$39,236	\$30,379	\$32,888	\$36,975	\$43,420	\$53,720	6	Associate degree
\$21.49	\$26.69	\$32.92	\$45,230	\$25,137	\$33,603	\$44,697	\$55,508	\$68,479	3	Master's degree
\$27.03	\$33.39	\$47.64	\$64,005	\$40,434	\$49,289	\$56,218	\$69,443	\$99,096	1	First professional degree
									5	Bachelor's degree
\$17.70	\$40.06		\$63,141	\$13,221	\$20,377	\$36,818	\$83,324			
\$21.50	\$25.16	\$27.84	\$45,223	\$33,347	\$38,678	\$44,716	\$52,341	\$57,915	5	Bachelor's degree
\$13.29	\$16.06	\$18.70	\$28,492	\$19,117	\$23,114	\$27,651	\$33,408	\$38,898	6	Associate degree
\$28.89	\$36.17	\$41.25	\$59,676	\$34,438	\$48,058	\$60,093	\$75,230	\$85,803	6	Associate degree
\$18.12	\$21.68	\$26.87	\$38,224	\$23,646	\$28,541	\$37,692	\$45,099	\$55,887	6	Associate degree
\$25.83	\$31.26	\$38.60	\$55,193	\$37,343	\$45,413	\$53,727	\$65,013	\$80,289	6	Associate degree
\$25.45	\$27.64	\$31.07	\$52,948	\$42,306	\$48,434	\$52,935	\$57,481	\$64,632	6	Associate degree
\$19.45	\$22.79	\$26.51	\$40,211	\$26,491	\$32,865	\$40,464	\$47,393	\$55,149	6	Associate degree
									7	Postsecondary vocational training
\$13.44	\$18.24	\$23.41	\$30,073	\$15,213	\$20,050	\$27,952	\$37,945	\$48,699		
\$9.96	\$12.21	\$15.03	\$21,619	\$15,064	\$17,240	\$20,719	\$25,399	\$31,255	10	Moderate-term on-the-job training
\$11.39	\$13.27	\$15.88	\$24,323	\$17,887	\$20,267	\$23,685	\$27,611	\$33,022	10	Moderate-term on-the-job training
\$11.53	\$13.23	\$16.59	\$25,353	\$19,089	\$20,983	\$23,990	\$27,519	\$34,506	10	Moderate-term on-the-job training
\$14.46	\$16.78	\$19.42	\$30,434	\$21,379	\$25,537	\$30,074	\$34,900	\$40,390	7	Postsecondary vocational training
\$16.59	\$20.33	\$32.12	\$40,876	\$25,268	\$29,836	\$34,517	\$42,289	\$66,803	7	Postsecondary vocational training
\$10.72	\$13.27	\$15.82	\$23,457	\$16,479	\$19,299	\$22,305	\$27,608	\$32,903	6	Associate degree
									7	Postsecondary vocational training
\$16.47	\$18.96	\$21.14	\$34,115	\$24,506	\$29,527	\$34,253	\$39,437	\$43,970		
									6	Associate degree
\$10.83	\$14.54	\$18.67	\$25,186	\$16,003	\$18,745	\$22,535	\$30,233	\$38,833		
\$11.81	\$14.29	\$17.71	\$25,517	\$17,025	\$19,907	\$24,565	\$29,717	\$36,839	9	Long-term on-the-job training
\$15.43	\$25.21	\$30.91	\$37,406	\$20,882	\$23,866	\$32,100	\$52,440	\$64,302	5	Bachelor's degree
									5	Bachelor's degree
\$22.59	\$26.25	\$31.90	\$47,071	\$30,732	\$37,889	\$46,977	\$54,607	\$66,345		
			\$40,642	\$29,782	\$32,522	\$38,695	\$48,290	\$57,151	5	Bachelor's degree
									7	Postsecondary vocational training
\$12.74	\$16.96	\$21.90	\$30,012	\$18,955	\$21,392	\$26,492	\$35,284	\$45,542		
\$8.68	\$10.03	\$11.01	\$18,305	\$14,253	\$15,899	\$18,051	\$20,856	\$22,897	11	Short-term on-the-job training
\$9.73	\$11.10	\$12.83	\$20,331	\$15,041	\$17,282	\$20,234	\$23,079	\$26,693	11	Short-term on-the-job training
\$10.09	\$11.27	\$13.26	\$21,528	\$16,420	\$18,381	\$20,977	\$23,432	\$27,579	11	Short-term on-the-job training
\$15.66	\$18.39	\$21.23	\$31,318	\$16,798	\$23,519	\$32,575	\$38,245	\$44,151	6	Associate degree
\$10.68	\$12.78	\$16.33	\$23,547	\$16,576	\$19,766	\$22,207	\$26,579	\$33,964	11	Short-term on-the-job training
\$14.54	\$17.78	\$20.58	\$30,325	\$18,726	\$22,846	\$30,236	\$36,992	\$42,800	6	Associate degree
\$8.84	\$10.28	\$11.71	\$18,413	\$12,676	\$15,132	\$18,379	\$21,381	\$24,356	11	Short-term on-the-job training
\$14.48	\$25.59	\$32.32	\$36,269	\$15,053	\$18,260	\$30,125	\$53,221	\$67,216	7	Postsecondary vocational training
\$13.71	\$15.68	\$16.93	\$26,392	\$14,302	\$20,536	\$28,510	\$32,614	\$35,218	10	Moderate-term on-the-job training
\$10.89	\$13.19	\$15.66	\$23,630	\$16,515	\$19,408	\$22,646	\$27,439	\$32,578	10	Moderate-term on-the-job training
\$12.12	\$13.61	\$16.05	\$25,806	\$18,844	\$21,459	\$25,206	\$28,314	\$33,376	11	Short-term on-the-job training
\$13.54	\$16.34	\$18.47	\$29,229	\$21,284	\$24,292	\$28,169	\$33,992	\$38,416	7	Postsecondary vocational training

Standard Occupation Classification (SOC)*		Employment		10 Year Employment Change				2003 Occupational		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Sepa- rations	Total Openings	Mean	10th %tile	25th %tile
31-9095	Pharmacy Aides	1,504	2,069	565	37.57%	278	843	\$10.56	\$7.52	\$8.41
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	830	962	132	15.90%	154	286	\$9.13	\$6.12	\$7.19
31-9099	Healthcare Support Workers, All Other	2,880	4,201	1,321	45.87%	533	1,854	\$12.38	\$9.07	\$9.97
33-1012	First-Line Supervisors/Managers of Police & Detectives	2,151	2,729	578	26.87%	710	1,288	\$30.14	\$20.05	\$25.36
33-1021	First-Line Supervisors/Managers of Fire Fighting & Prevent	1,169	1,538	369	31.57%	481	850	\$27.83	\$18.36	\$21.38
33-1099	First-Line Supervisors/Managers, Protective Service Workers,	1,083	1,312	229	21.14%	276	505	\$20.35	\$11.03	\$13.83
33-2011	Fire Fighters	4,852	6,454	1,602	33.02%	1,407	3,009	\$17.19	\$7.86	\$12.83
33-2021	Fire Inspectors & Investigators	284	331	47	16.55%	81	128	\$22.25	\$14.79	\$16.69
33-2022	Forest Fire Inspectors & Prevention Specialists	39	48	9	23.08%	11	20	\$17.97	\$14.81	\$15.68
33-3011	Bailiffs	245	299	54	22.04%	51	105	\$12.66	\$9.08	\$9.81
33-3021	Detectives & Criminal Investigators	1,525	2,072	547	35.87%	409	956	\$24.13	\$16.20	\$18.63
33-3041	Parking Enforcement Workers	274	316	42	15.33%	51	93	\$13.39	\$10.65	\$11.63
33-3051	Police & Sheriff's Patrol Officers	12,109	16,655	4,546	37.54%	3,133	7,679	\$21.48	\$15.63	\$18.35
33-9011	Animal Control Workers	370	456	86	23.24%	258	344	\$12.43	\$7.80	\$10.32
33-9021	Private Detectives & Investigators	844	1,126	282	33.41%	178	460	\$15.46	\$8.03	\$9.81
33-9031	Gaming Surveillance Officers & Gaming Investigators	824	1,015	191	23.18%	179	370	\$12.33	\$8.32	\$9.77
33-9032	Security Guards	18,929	23,840	4,911	25.94%	4,119	9,030	\$10.17	\$6.78	\$7.89
33-9091	Crossing Guards	1,239	1,611	372	30.02%	399	771	\$7.74	\$5.82	\$6.51
33-9099	Protective Service Workers, All Other	4,800	5,724	924	19.25%	3,327	4,251	\$11.63	\$6.39	\$8.23
35-1011	Chefs & Head Cooks	1,616	1,901	285	17.64%	479	764	\$18.29	\$10.61	\$13.05
35-1012	First-Line Supervisors/Managers of Food Preparation & Servers	13,542	16,360	2,818	20.81%	3,221	6,039	\$11.82	\$7.86	\$9.36
35-2011	Cooks, Fast Food	11,198	12,229	1,031	9.21%	3,467	4,498	\$7.37	\$5.69	\$6.25
35-2012	Cooks, Institution & Cafeteria	4,933	5,427	494	10.01%	1,527	2,021	\$9.88	\$7.05	\$8.13
35-2014	Cooks, Restaurant	13,269	16,107	2,838	21.39%	4,108	6,946	\$9.70	\$7.07	\$8.01
35-2015	Cooks, Short Order	3,118	3,718	600	19.24%	965	1,565	\$8.29	\$6.10	\$7.09
35-2021	Food Preparation Workers	16,510	20,844	4,334	26.25%	5,841	10,175	\$8.24	\$5.76	\$6.34
35-3011	Bartenders	7,604	8,487	883	11.61%	3,002	3,885	\$7.19	\$5.53	\$5.88
35-3021	Combined Food Preparation & Serving Workers, Including Fast Food	48,467	62,809	14,342	29.59%	21,006	35,348	\$6.78	\$5.60	\$5.96
35-3022	Counter Attendants, Cafeteria, Food Concession, & Coffee S	5,469	6,708	1,239	22.65%	3,569	4,808	\$7.61	\$5.66	\$6.17
35-3031	Waiters & Waitresses	40,918	50,599	9,681	23.66%	21,053	30,734	\$6.66	\$5.52	\$5.82
35-3041	Food Servers, Nonrestaurant	3,624	4,225	601	16.58%	1,214	1,815	\$7.17	\$5.58	\$5.96
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	10,908	13,452	2,544	23.32%	3,646	6,190	\$6.74	\$5.59	\$5.90
35-9021	Dishwashers	10,864	12,417	1,553	14.29%	3,667	5,220	\$6.55	\$5.58	\$5.90
35-9031	Hosts & Hostesses, Restaurant, Lounge, & Coffee Shop	5,827	7,068	1,241	21.30%	1,851	3,092	\$7.28	\$5.63	\$6.12
35-9099	Food Preparation & Serving Related Workers, All Other	969	1,112	143	14.76%	302	445	\$8.48	\$5.94	\$6.75
37-1011	First-Line Supervisors/Managers of Housekeeping & Janitors	4,233	5,125	892	21.07%	1,000	1,892	\$13.28	\$7.80	\$9.88
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service	4,242	5,328	1,086	25.60%	393	1,479	\$15.41	\$9.55	\$11.08
37-2011	Janitors & Cleaners, Except Maids & Housekeeping Cleaner	31,390	39,567	8,177	26.05%	5,957	14,134	\$8.77	\$5.89	\$6.71
37-2012	Maids & Housekeeping Cleaners	23,413	28,640	5,227	22.33%	4,915	10,142	\$7.48	\$5.75	\$6.33
37-2021	Pest Control Workers	1,962	2,454	492	25.08%	296	788	\$12.49	\$7.86	\$9.56
37-3011	Landscaping & Groundskeeping Workers	29,755	38,940	9,185	30.87%	6,476	15,661	\$9.09	\$6.24	\$7.28
37-3012	Pesticide Handlers, Sprayers, & Applicators, Vegetation	340	338	-2	-0.59%	74	74	\$10.92	\$7.69	\$8.41
37-3013	Tree Trimmers & Pruners	167	186	19	11.38%	36	55	\$11.89	\$8.48	\$9.76
37-9099	Building & Grounds Cleaning & Maintenance Workers, All O	1,530	1,831	301	19.67%	314	615	\$13.06	\$7.56	\$9.08
39-1011	Gaming Supervisors	1,648	1,897	249	15.11%	345	594	\$19.52	\$12.45	\$15.01
39-1012	Slot Key Persons	2,020	2,254	234	11.58%	423	657	\$11.95	\$8.25	\$9.60
39-1021	First-Line Supervisors/Managers of Personal Service Workers	3,183	3,228	45	1.41%	799	844	\$16.42	\$9.53	\$11.62
39-2021	Nonfarm Animal Caretakers	2,707	3,201	494	18.25%	673	1,167	\$8.72	\$6.01	\$6.79
39-3011	Gaming Dealers	2,571	3,071	500	19.45%	812	1,312	\$8.49	\$5.65	\$6.13
39-3012	Gaming & Sports Book Writers & Runners	633	809	176	27.80%	200	376	\$11.37	\$7.20	\$8.13
39-3021	Motion Picture Projectionists	95	87	-8	-8.42%	49	49	\$7.87	\$5.80	\$6.27

Hourly Wage Estimates			2003 Occupational Annual Wage Estimates						Training Requirements	
Median Wage	75th %tile	90th %tile	Mean	10th %tile	25th %tile	Median Wage	75th %tile	90th %tile	Code	Description
\$9.92	\$11.40	\$14.00	\$21,962	\$15,639	\$17,488	\$20,633	\$23,710	\$29,116	11	Short-term on-the-job training
									11	Short-term on-the-job training
\$8.70	\$10.62	\$13.10	\$18,988	\$12,734	\$14,961	\$18,095	\$22,096	\$27,238		
\$11.67	\$14.03	\$16.83	\$25,741	\$18,863	\$20,742	\$24,270	\$29,174	\$35,006	11	Short-term on-the-job training
									8	Work experience in a related occupation
\$30.36	\$34.17	\$41.09	\$62,693	\$41,711	\$52,746	\$63,147	\$71,071	\$85,471		
									8	Work experience in a related occupation
\$29.01	\$32.70	\$35.51	\$57,879	\$38,182	\$44,470	\$60,333	\$68,026	\$73,863	8	Work experience in a related occupation
\$18.20	\$25.30	\$34.07	\$42,321	\$22,937	\$28,776	\$37,865	\$52,629	\$70,861		
\$17.01	\$21.63	\$26.33	\$35,759	\$16,358	\$26,695	\$35,391	\$44,989	\$54,763	9	Long-term on-the-job training
\$22.01	\$26.18	\$32.59	\$46,288	\$30,754	\$34,714	\$45,787	\$54,458	\$67,778	8	Work experience in a related occupation
									8	Work experience in a related occupation
\$17.13	\$19.43	\$24.62	\$37,373	\$30,813	\$32,616	\$35,638	\$40,406	\$51,202		
\$11.31	\$14.78	\$19.45	\$26,326	\$18,894	\$20,408	\$23,533	\$30,746	\$40,460	10	Moderate-term on-the-job training
\$21.83	\$29.91	\$34.49	\$50,190	\$33,699	\$38,741	\$45,417	\$62,204	\$71,741	8	Work experience in a related occupation
\$13.27	\$15.33	\$16.63	\$27,859	\$22,157	\$24,194	\$27,598	\$31,895	\$34,580	11	Short-term on-the-job training
\$21.82	\$24.99	\$26.93	\$44,685	\$32,503	\$38,168	\$45,388	\$51,986	\$56,016	9	Long-term on-the-job training
\$12.32	\$14.61	\$17.05	\$25,865	\$16,229	\$21,472	\$25,628	\$30,393	\$35,471	10	Moderate-term on-the-job training
\$14.27	\$18.51	\$28.28	\$32,152	\$16,703	\$20,408	\$29,683	\$38,499	\$58,831	8	Work experience in a related occupation
									10	Moderate-term on-the-job training
\$11.37	\$13.81	\$17.66	\$25,655	\$17,299	\$20,315	\$23,640	\$28,729	\$36,741		
\$9.49	\$11.51	\$15.05	\$21,160	\$14,097	\$16,402	\$19,729	\$23,934	\$31,310	11	Short-term on-the-job training
\$7.49	\$8.41	\$9.94	\$16,092	\$12,101	\$13,546	\$15,577	\$17,493	\$20,679	11	Short-term on-the-job training
\$11.03	\$13.47	\$17.25	\$24,194	\$13,287	\$17,127	\$22,944	\$28,027	\$35,882	11	Short-term on-the-job training
\$17.55	\$22.01	\$25.87	\$38,041	\$22,077	\$27,134	\$36,496	\$45,790	\$53,807	8	Work experience in a related occupation
									8	Work experience in a related occupation
\$11.22	\$13.86	\$16.72	\$24,585	\$16,340	\$19,461	\$23,346	\$28,829	\$34,777		
\$7.24	\$8.29	\$9.62	\$15,334	\$11,826	\$13,009	\$15,066	\$17,246	\$20,007	11	Short-term on-the-job training
\$9.60	\$11.09	\$13.40	\$20,552	\$14,668	\$16,900	\$19,978	\$23,070	\$27,882	10	Moderate-term on-the-job training
\$9.55	\$11.15	\$13.03	\$20,167	\$14,696	\$16,668	\$19,860	\$23,182	\$27,105	9	Long-term on-the-job training
\$8.01	\$9.24	\$10.90	\$17,252	\$12,692	\$14,742	\$16,668	\$19,229	\$22,682	11	Short-term on-the-job training
\$7.36	\$8.98	\$13.06	\$17,149	\$11,987	\$13,184	\$15,317	\$18,680	\$27,162	11	Short-term on-the-job training
\$6.45	\$7.36	\$10.90	\$14,948	\$11,505	\$12,223	\$13,410	\$15,310	\$22,667	11	Short-term on-the-job training
									11	Short-term on-the-job training
\$6.56	\$7.39	\$8.52	\$14,097	\$11,643	\$12,391	\$13,637	\$15,363	\$17,731		
									11	Short-term on-the-job training
\$7.08	\$8.43	\$10.61	\$15,830	\$11,780	\$12,844	\$14,721	\$17,525	\$22,060		
\$6.31	\$6.80	\$8.18	\$13,846	\$11,484	\$12,106	\$13,118	\$14,152	\$17,018	11	Short-term on-the-job training
\$6.59	\$7.75	\$9.67	\$14,912	\$11,615	\$12,398	\$13,702	\$16,122	\$20,120	11	Short-term on-the-job training
									11	Short-term on-the-job training
\$6.42	\$7.01	\$8.70	\$14,030	\$11,621	\$12,268	\$13,347	\$14,581	\$18,105		
\$6.44	\$7.05	\$8.21	\$13,614	\$11,601	\$12,272	\$13,389	\$14,657	\$17,070	11	Short-term on-the-job training
									11	Short-term on-the-job training
\$7.00	\$8.26	\$9.57	\$15,150	\$11,719	\$12,729	\$14,563	\$17,184	\$19,899		
									11	Short-term on-the-job training
\$7.96	\$9.39	\$11.79	\$17,644	\$12,348	\$14,030	\$16,558	\$19,537	\$24,532		
									8	Work experience in a related occupation
\$12.60	\$15.95	\$19.91	\$27,615	\$16,223	\$20,540	\$26,215	\$33,179	\$41,421		
									8	Work experience in a related occupation
\$14.25	\$18.55	\$23.39	\$32,062	\$19,858	\$23,046	\$29,639	\$38,587	\$48,649		
									11	Short-term on-the-job training
\$8.11	\$10.08	\$13.09	\$18,246	\$12,255	\$13,952	\$16,867	\$20,974	\$27,228		
\$7.32	\$8.45	\$9.83	\$15,565	\$11,969	\$13,156	\$15,223	\$17,569	\$20,445	11	Short-term on-the-job training
\$11.68	\$14.25	\$18.73	\$25,976	\$16,340	\$19,881	\$24,302	\$29,646	\$38,953	10	Moderate-term on-the-job training
\$8.42	\$10.32	\$13.12	\$18,898	\$12,974	\$15,152	\$17,507	\$21,468	\$27,299	11	Short-term on-the-job training
									10	Moderate-term on-the-job training
\$11.13	\$12.70	\$13.70	\$22,707	\$16,003	\$17,484	\$23,151	\$26,413	\$28,489		
\$11.68	\$13.88	\$16.16	\$24,739	\$17,641	\$20,310	\$24,291	\$28,870	\$33,617	11	Short-term on-the-job training
									11	Short-term on-the-job training
\$11.14	\$15.67	\$22.15	\$27,167	\$15,723	\$18,890	\$23,174	\$32,594	\$46,081		
\$18.62	\$23.53	\$28.68	\$40,609	\$25,900	\$31,223	\$38,727	\$48,933	\$59,644	8	Work experience in a related occupation
\$11.47	\$13.46	\$16.75	\$24,859	\$17,154	\$19,978	\$23,854	\$27,989	\$34,841	7	Postsecondary vocational training
									8	Work experience in a related occupation
\$14.86	\$18.80	\$25.31	\$34,154	\$19,832	\$24,179	\$30,916	\$39,097	\$52,639		
\$8.07	\$9.66	\$11.62	\$18,129	\$12,505	\$14,128	\$16,777	\$20,092	\$24,165	11	Short-term on-the-job training
\$6.93	\$10.21	\$13.29	\$17,656	\$11,751	\$12,760	\$14,412	\$21,238	\$27,641	7	Postsecondary vocational training
\$10.10	\$15.12	\$17.45	\$23,650	\$14,970	\$16,909	\$20,999	\$31,458	\$36,295	7	Postsecondary vocational training
\$7.06	\$8.66	\$11.25	\$16,376	\$12,056	\$13,048	\$14,686	\$18,003	\$23,409	11	Short-term on-the-job training

Standard Occupation Classification (SOC)*		Employment		10 Year Employment Change				2003 Occupational		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Sepa- rations	Total Openings	Mean	10th %tile	25th %tile
39-3031	Ushers, Lobby Attendants, & Ticket Takers	2,092	2,370	278	13.29%	1,192	1,470	\$7.00	\$5.66	\$6.08
39-3091	Amusement & Recreation Attendants	5,405	6,714	1,309	24.22%	1,556	2,865	\$7.73	\$5.89	\$6.70
39-3092	Costume Attendants	42	47	5	11.90%	12	17	\$9.97	\$6.54	\$8.10
39-3093	Locker Room, Coatroom, & Dressing Room Attendants	376	453	77	20.48%	108	185	\$8.97	\$5.97	\$6.96
39-3199	Gaming Workers, All Other (OES Only)	856	1,059	203	23.71%	261	464	\$9.40	\$6.72	\$7.76
39-4011	Embalmers	116	133	17	14.66%	24	41	\$15.39	\$11.51	\$12.93
39-4021	Funeral Attendants	132	166	34	25.76%	28	62	\$9.08	\$6.60	\$7.60
39-5011	Barbers	1,349	1,280	-69	-5.11%	379	379	\$11.95	\$6.67	\$8.07
39-5012	Hairdressers, Hairstylists, & Cosmetologists	9,785	10,275	490	5.01%	1,884	2,374	\$8.82	\$5.89	\$6.53
39-5092	Manicurists & Pedicurists	1,747	1,963	216	12.36%	338	554	\$7.48	\$5.71	\$6.16
39-5093	Shampooers	217	243	26	11.98%	42	68	\$6.81	\$5.52	\$5.89
39-5094	Skin Care Specialists	592	653	61	10.30%	115	176	\$10.61	\$5.74	\$6.50
39-6011	Baggage Porters & Bellhops	1,270	1,490	220	17.32%	336	556	\$9.35	\$5.72	\$6.21
39-6012	Concierges	549	641	92	16.76%	145	237	\$9.88	\$7.05	\$8.07
39-6021	Tour Guides & Escorts	1,388	1,755	367	26.44%	368	735	\$9.92	\$5.95	\$6.58
39-6022	Travel Guides	211	253	42	19.91%	56	98	\$13.06	\$6.86	\$11.35
39-6032	Transportation Attendants, Except Flight Attendants & Baggage Porters	301	385	84	27.91%	39	123	\$8.98	\$5.88	\$6.38
39-9011	Child Care Workers	11,462	13,604	2,142	18.69%	3,121	5,263	\$7.71	\$5.85	\$6.53
39-9021	Personal & Home Care Aides	6,155	8,947	2,792	45.36%	986	3,778	\$9.34	\$6.94	\$7.53
39-9031	Fitness Trainers & Aerobics Instructors	2,665	3,689	1,024	38.42%	611	1,635	\$14.04	\$7.07	\$8.44
39-9032	Recreation Workers	5,040	6,280	1,240	24.60%	1,156	2,396	\$11.77	\$6.28	\$7.46
39-9041	Residential Advisors	401	475	74	18.45%	84	158	\$12.58	\$6.95	\$9.60
39-9099	Personal Care & Service Workers, All Other	2,703	3,351	648	23.97%	581	1,229	\$9.06	\$5.86	\$6.66
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	27,518	32,977	5,459	19.84%	4,944	10,403	\$16.91	\$9.03	\$11.08
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	12,771	14,563	1,792	14.03%	2,411	4,203	\$25.18	\$11.33	\$15.89
41-2011	Cashiers	65,225	86,033	20,808	31.90%	31,734	52,542	\$8.76	\$6.02	\$6.96
41-2012	Gaming Change Persons & Booth Cashiers	1,086	1,327	241	22.19%	528	769	\$10.30	\$7.23	\$8.25
41-2021	Counter & Rental Clerks	8,016	10,189	2,173	27.11%	3,070	5,243	\$11.46	\$6.16	\$7.38
41-2022	Parts Salespersons	3,364	3,669	305	9.07%	962	1,267	\$14.38	\$7.86	\$9.73
41-2031	Retail Salespersons	67,447	85,246	17,799	26.39%	24,517	42,316	\$11.10	\$6.15	\$7.19
41-3011	Advertising Sales Agents	3,313	3,949	636	19.20%	642	1,278	\$19.58	\$9.99	\$12.58
41-3021	Insurance Sales Agents	6,058	6,936	878	14.49%	1,448	2,326	\$22.83	\$11.45	\$13.96
41-3031	Securities, Commodities, & Financial Services Sales Agents	4,394	5,242	848	19.30%	498	1,346	\$24.10	\$11.23	\$12.91
41-3041	Travel Agents	3,970	5,096	1,126	28.36%	891	2,017	\$10.43	\$6.71	\$7.98
41-4011	Sales Representatives, Wholesale & Manufacturing, Technical	12,725	16,239	3,514	27.61%	3,341	6,855	\$22.99	\$11.61	\$15.56
41-4012	Sales Representatives, Wholesale & Manufacturing, Except T	25,616	33,758	8,142	31.78%	6,726	14,868	\$20.97	\$10.36	\$13.85
41-9011	Demonstrators & Product Promoters	2,102	2,635	533	25.36%	467	1,000	\$12.04	\$7.51	\$8.68
41-9021	Real Estate Brokers	3,534	3,535	1	0.03%	702	703	\$44.05	\$10.23	\$14.87
41-9022	Real Estate Sales Agents	6,152	6,607	455	7.40%	1,221	1,676	\$22.10	\$8.26	\$10.46
41-9031	Sales Engineers	1,488	1,803	315	21.17%	444	759	\$32.29	\$15.97	\$21.31
41-9041	Telemarketers	11,928	12,056	128	1.07%	1,957	2,085	\$9.94	\$6.90	\$7.60
41-9091	Door-To-Door Sales Workers, News & Street Vendors, & Related	2,914	2,574	-340	-11.67%	687	687	\$9.97	\$6.36	\$7.53
41-9099	Sales & Related Workers, All Other	6,784	8,599	1,815	26.75%	1,292	3,107	\$17.43	\$7.29	\$9.33
43-1011	First-Line Supervisors/Managers of Office & Administrative	25,317	28,744	3,427	13.54%	5,432	8,859	\$19.93	\$11.89	\$14.80
43-2011	Switchboard Operators, Including Answering Service	4,185	4,535	350	8.36%	1,072	1,422	\$10.66	\$7.95	\$9.30
43-2021	Telephone Operators	830	371	-459	-55.30%	215	215	\$9.68	\$7.40	\$7.96
43-2099	Communications Equipment Operators, All Other	320	257	-63	-19.69%	68	68	\$12.63	\$9.06	\$10.79
43-3011	Bill & Account Collectors	12,487	15,819	3,332	26.68%	2,353	5,685	\$12.75	\$8.48	\$10.05
43-3021	Billing & Posting Clerks & Machine Operators	7,622	8,763	1,141	14.97%	1,293	2,434	\$12.70	\$8.68	\$10.11
43-3031	Bookkeeping, Accounting, & Auditing Clerks	29,396	32,796	3,400	11.57%	5,506	8,906	\$13.77	\$8.95	\$10.64
43-3041	Gaming Cage Workers	1,425	1,723	298	20.91%	694	992	\$10.51	\$8.06	\$9.21
43-3051	Payroll & Timekeeping Clerks	4,803	5,415	612	12.74%	1,270	1,882	\$12.67	\$7.81	\$9.89
43-3061	Procurement Clerks	1,333	1,343	10	0.75%	339	349	\$14.55	\$9.39	\$11.08
43-3071	Tellers	7,051	8,246	1,195	16.95%	3,473	4,668	\$10.64	\$8.01	\$9.31
43-4011	Brokerage Clerks	1,269	1,141	-128	-10.09%	168	168	\$14.75	\$9.82	\$11.59
43-4021	Correspondence Clerks	562	555	-7	-1.25%	167	167	\$12.86	\$10.07	\$11.27
43-4031	Court, Municipal, & License Clerks	3,045	3,792	747	24.53%	674	1,421	\$13.38	\$10.41	\$11.52
43-4041	Credit Authorizers, Checkers, & Clerks	3,278	3,463	185	5.64%	629	814	\$12.12	\$7.37	\$8.39

Hourly Wage Estimates			2003 Occupational Annual Wage Estimates						Training Requirements	
Median Wage	75th %tile	90th %tile	Mean	10th %tile	25th %tile	Median Wage	75th %tile	90th %tile	Code	Description
\$6.77	\$7.85	\$8.78	\$14,568	\$11,772	\$12,645	\$14,091	\$16,333	\$18,265	11	Short-term on-the-job training
\$7.48	\$8.29	\$10.07	\$16,068	\$12,262	\$13,929	\$15,554	\$17,248	\$20,940	11	Short-term on-the-job training
\$9.69	\$11.33	\$14.49	\$20,728	\$13,601	\$16,840	\$20,165	\$23,569	\$30,136	11	Short-term on-the-job training
									11	Short-term on-the-job training
\$8.98	\$10.56	\$12.21	\$18,666	\$12,411	\$14,481	\$18,682	\$21,973	\$25,407		
\$9.23	\$10.64	\$12.60	\$19,553	\$13,980	\$16,140	\$19,195	\$22,140	\$26,202	10	Moderate-term on-the-job training
\$15.23	\$17.73	\$20.48	\$32,009	\$23,946	\$26,899	\$31,680	\$36,871	\$42,604	7	Postsecondary vocational training
\$8.81	\$10.51	\$12.27	\$18,889	\$13,733	\$15,812	\$18,314	\$21,858	\$25,523	11	Short-term on-the-job training
\$11.64	\$15.24	\$18.40	\$24,852	\$13,867	\$16,782	\$24,219	\$31,691	\$38,281	7	Postsecondary vocational training
\$7.65	\$9.39	\$12.97	\$18,341	\$12,242	\$13,576	\$15,906	\$19,533	\$26,968	7	Postsecondary vocational training
\$6.91	\$8.13	\$10.32	\$15,556	\$11,877	\$12,802	\$14,376	\$16,913	\$21,456	7	Postsecondary vocational training
\$6.48	\$7.72	\$8.90	\$14,161	\$11,482	\$12,243	\$13,483	\$16,051	\$18,514	11	Short-term on-the-job training
\$8.09	\$12.14	\$18.70	\$22,064	\$11,944	\$13,530	\$16,827	\$25,247	\$38,904	7	Postsecondary vocational training
\$7.13	\$10.47	\$19.37	\$19,450	\$11,894	\$12,927	\$14,835	\$21,777	\$40,291	11	Short-term on-the-job training
\$9.42	\$10.98	\$13.66	\$20,560	\$14,670	\$16,786	\$19,589	\$22,838	\$28,415	10	Moderate-term on-the-job training
\$8.98	\$12.95	\$15.50	\$20,632	\$12,366	\$13,685	\$18,668	\$26,930	\$32,244	10	Moderate-term on-the-job training
\$13.75	\$15.63	\$16.79	\$27,162	\$14,271	\$23,610	\$28,593	\$32,517	\$34,926	10	Moderate-term on-the-job training
									11	Short-term on-the-job training
\$7.22	\$10.46	\$16.16	\$18,686	\$12,235	\$13,278	\$15,017	\$21,751	\$33,605		
\$7.53	\$8.57	\$10.14	\$16,032	\$12,163	\$13,575	\$15,668	\$17,834	\$21,095	11	Short-term on-the-job training
\$8.45	\$9.78	\$10.71	\$19,421	\$14,444	\$15,656	\$17,585	\$20,342	\$22,271	11	Short-term on-the-job training
\$11.31	\$17.56	\$26.20	\$29,201	\$14,703	\$17,551	\$23,522	\$36,519	\$54,497	7	Postsecondary vocational training
\$9.90	\$14.49	\$20.44	\$24,478	\$13,065	\$15,527	\$20,590	\$30,145	\$42,515	5	Bachelor's degree
\$12.63	\$15.21	\$17.49	\$26,177	\$14,448	\$19,958	\$26,274	\$31,628	\$36,379	10	Moderate-term on-the-job training
\$9.06	\$10.39	\$12.16	\$18,845	\$12,181	\$13,852	\$18,853	\$21,619	\$25,289	11	Short-term on-the-job training
									8	Work experience in a related occupation
\$14.92	\$19.73	\$26.39	\$35,180	\$18,776	\$23,039	\$31,037	\$41,044	\$54,894		
									8	Work experience in a related occupation
\$22.28	\$30.81	\$40.59	\$52,365	\$23,557	\$33,054	\$46,345	\$64,091	\$84,438		
\$8.06	\$9.53	\$13.55	\$18,229	\$12,524	\$14,478	\$16,771	\$19,820	\$28,192	11	Short-term on-the-job training
\$10.02	\$12.07	\$13.86	\$21,428	\$15,041	\$17,160	\$20,834	\$25,107	\$28,826	11	Short-term on-the-job training
\$9.61	\$12.76	\$17.59	\$23,829	\$12,808	\$15,349	\$19,986	\$26,540	\$36,597	11	Short-term on-the-job training
\$13.28	\$17.84	\$22.31	\$29,907	\$16,344	\$20,243	\$27,630	\$37,114	\$46,402	10	Moderate-term on-the-job training
\$8.84	\$12.12	\$17.53	\$23,081	\$12,795	\$14,956	\$18,379	\$25,218	\$36,455	11	Short-term on-the-job training
\$17.83	\$21.81	\$32.77	\$40,716	\$20,782	\$26,171	\$37,091	\$45,364	\$68,169	10	Moderate-term on-the-job training
\$16.62	\$24.31	\$40.62	\$47,487	\$23,816	\$29,035	\$34,565	\$50,568	\$84,492	5	Bachelor's degree
									5	Bachelor's degree
\$17.25	\$26.70	\$44.85	\$50,133	\$23,368	\$26,851	\$35,884	\$55,534	\$93,294		
\$9.80	\$12.41	\$14.99	\$21,689	\$13,949	\$16,591	\$20,379	\$25,806	\$31,186	7	Postsecondary vocational training
									10	Moderate-term on-the-job training
\$20.38	\$26.58	\$39.62	\$47,820	\$24,149	\$32,371	\$42,386	\$55,279	\$82,417		
									10	Moderate-term on-the-job training
\$18.78	\$25.60	\$34.33	\$43,622	\$21,542	\$28,806	\$39,054	\$53,256	\$71,413		
\$10.24	\$13.60	\$20.00	\$25,049	\$15,612	\$18,046	\$21,298	\$28,296	\$41,601	10	Moderate-term on-the-job training
\$21.12			\$91,625	\$21,282	\$30,935	\$43,939			8	Work experience in a related occupation
\$15.97	\$29.41	\$37.74	\$45,967	\$17,175	\$21,759	\$33,220	\$61,174	\$78,498	7	Postsecondary vocational training
\$30.18	\$40.50	\$52.57	\$67,165	\$33,210	\$44,328	\$62,777	\$84,248	\$109,349	5	Bachelor's degree
\$8.63	\$10.81	\$14.47	\$20,686	\$14,351	\$15,804	\$17,955	\$22,481	\$30,096	11	Short-term on-the-job training
									11	Short-term on-the-job training
\$9.41	\$11.13	\$13.10	\$20,742	\$13,228	\$15,668	\$19,582	\$23,152	\$27,244		
\$15.33	\$21.33	\$29.84	\$36,247	\$15,170	\$19,410	\$31,897	\$44,370	\$62,071	10	Moderate-term on-the-job training
									8	Work experience in a related occupation
\$18.68	\$23.57	\$29.46	\$41,451	\$24,730	\$30,783	\$38,856	\$49,019	\$61,275		
									11	Short-term on-the-job training
\$10.43	\$11.75	\$13.59	\$22,173	\$16,529	\$19,351	\$21,702	\$24,441	\$28,258		
\$8.81	\$10.29	\$13.01	\$20,133	\$15,382	\$16,566	\$18,318	\$21,393	\$27,057	11	Short-term on-the-job training
									11	Short-term on-the-job training
\$12.38	\$14.38	\$16.85	\$26,265	\$18,850	\$22,447	\$25,749	\$29,906	\$35,038		
\$12.28	\$14.50	\$17.82	\$26,515	\$17,632	\$20,909	\$25,550	\$30,156	\$37,065	11	Short-term on-the-job training
\$12.32	\$14.91	\$17.38	\$26,416	\$18,045	\$21,028	\$25,623	\$31,010	\$36,154	10	Moderate-term on-the-job training
\$12.90	\$15.91	\$20.27	\$28,644	\$18,612	\$22,124	\$26,839	\$33,096	\$42,157	10	Moderate-term on-the-job training
\$10.33	\$11.75	\$13.45	\$21,857	\$16,756	\$19,163	\$21,492	\$24,440	\$27,968	11	Short-term on-the-job training
\$12.37	\$15.22	\$17.89	\$26,349	\$16,255	\$20,563	\$25,726	\$31,666	\$37,219	10	Moderate-term on-the-job training
\$14.11	\$17.34	\$20.55	\$30,274	\$19,524	\$23,052	\$29,352	\$36,070	\$42,744	11	Short-term on-the-job training
\$10.42	\$11.79	\$13.61	\$22,134	\$16,656	\$19,362	\$21,669	\$24,517	\$28,318	11	Short-term on-the-job training
\$14.63	\$17.63	\$20.65	\$30,680	\$20,418	\$24,102	\$30,422	\$36,680	\$42,950	10	Moderate-term on-the-job training
\$12.44	\$13.79	\$16.99	\$26,739	\$20,952	\$23,448	\$25,867	\$28,673	\$35,349	11	Short-term on-the-job training
\$12.79	\$14.75	\$17.26	\$27,820	\$21,649	\$23,968	\$26,594	\$30,685	\$35,904	11	Short-term on-the-job training
\$11.00	\$14.41	\$18.47	\$25,199	\$15,328	\$17,454	\$22,874	\$29,977	\$38,423	11	Short-term on-the-job training

Standard Occupation Classification (SOC)*		Employment		10 Year Employment Change				2003 Occupational		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Sepa- rations	Total Openings	Mean	10th %tile	25th %tile
43-4051	Customer Service Representatives	46,057	61,335	15,278	33.17%	6,848	22,126	\$12.15	\$8.13	\$9.61
43-4071	File Clerks	5,789	5,957	168	2.90%	1,717	1,885	\$9.87	\$6.70	\$7.87
43-4081	Hotel, Motel, & Resort Desk Clerks	3,757	4,663	906	24.11%	1,687	2,593	\$8.04	\$5.91	\$6.61
43-4111	Interviewers, Except Eligibility & Loan	3,448	5,056	1,608	46.64%	890	2,498	\$10.98	\$6.78	\$8.46
43-4121	Library Assistants, Clerical	1,253	1,576	323	25.78%	507	830	\$10.85	\$7.00	\$8.51
43-4131	Loan Interviewers & Clerks	5,888	5,251	-637	-10.82%	807	807	\$14.36	\$9.43	\$11.57
43-4141	New Accounts Clerks	1,365	1,654	289	21.17%	343	632	\$13.43	\$9.19	\$10.59
43-4151	Order Clerks	5,658	5,440	-218	-3.85%	1,272	1,272	\$11.52	\$7.63	\$8.81
43-4161	Human Resources Assistants, Except Payroll & Timekeeping	3,860	4,848	988	25.60%	831	1,819	\$13.57	\$9.06	\$10.83
43-4171	Receptionists & Information Clerks	19,019	26,543	7,524	39.56%	4,673	12,197	\$10.15	\$7.08	\$8.26
43-4181	Reservation & Transportation Ticket Agents & Travel Clerk	3,597	4,378	781	21.71%	939	1,720	\$13.21	\$7.97	\$9.46
43-4999	Financial, Information, & Record Clerks, All Other (OES Only)	4,506	4,723	217	4.82%	707	924	\$15.75	\$9.23	\$11.32
43-5011	Cargo & Freight Agents	970	1,130	160	16.49%	218	378	\$18.02	\$9.85	\$12.48
43-5021	Couriers & Messengers	2,385	2,382	-3	-0.13%	546	546	\$10.00	\$7.27	\$8.27
43-5031	Police, Fire, & Ambulance Dispatchers	1,594	1,970	376	23.59%	342	718	\$15.57	\$10.56	\$12.40
43-5032	Dispatchers, Except Police, Fire, & Ambulance	3,257	3,774	517	15.87%	699	1,216	\$14.99	\$9.01	\$10.82
43-5041	Meter Readers, Utilities	1,315	1,347	32	2.43%	415	447	\$14.58	\$9.77	\$11.60
43-5051	Postal Service Clerks	991	1,079	88	8.88%	262	350	\$18.93	\$17.24	\$17.96
43-5052	Postal Service Mail Carriers	5,356	5,835	479	8.94%	1,679	2,158	\$18.90	\$15.59	\$17.55
43-5053	Postal Service Mail Sorters, Processors, & Processing Mach	3,831	3,758	-73	-1.91%	1,012	1,012	\$18.02	\$13.60	\$17.45
43-5061	Production, Planning, & Expediting Clerks	4,285	5,129	844	19.70%	1,037	1,881	\$15.82	\$9.19	\$11.96
43-5071	Shipping, Receiving, & Traffic Clerks	13,290	16,770	3,480	26.19%	2,728	6,208	\$10.62	\$7.14	\$7.88
43-5081	Stock Clerks & Order Fillers	23,466	24,810	1,344	5.73%	8,684	10,028	\$10.30	\$6.50	\$7.62
43-5111	Weighers, Measurers, Checkers, & Samplers, Recordkeeping	1,333	1,607	274	20.56%	337	611	\$11.39	\$7.71	\$8.92
43-5199	Material Recording, Scheduling, Dispatching, & Distributing	500	479	-21	-4.20%	185	185	\$13.37	\$9.39	\$10.09
43-6011	Executive Secretaries & Administrative Assistants	28,825	32,814	3,989	13.84%	5,520	9,509	\$15.50	\$10.83	\$12.49
43-6012	Legal Secretaries	4,588	5,503	915	19.94%	879	1,794	\$18.14	\$11.91	\$15.17
43-6013	Medical Secretaries	2,494	3,327	833	33.40%	478	1,311	\$13.23	\$9.49	\$10.89
43-6014	Secretaries, Except Legal, Medical, & Executive	29,432	30,110	678	2.30%	5,636	6,314	\$11.98	\$7.66	\$9.56
43-9011	Computer Operators	3,664	3,145	-519	-14.16%	779	779	\$13.46	\$8.68	\$10.24
43-9021	Data Entry Keyers	9,207	8,745	-462	-5.02%	2,174	2,174	\$10.96	\$8.00	\$9.23
43-9022	Word Processors & Typists	3,790	2,438	-1,352	-35.67%	835	835	\$11.84	\$7.72	\$9.28
43-9031	Desktop Publishers	354	457	103	29.10%	80	183	\$12.03	\$5.70	\$6.48
43-9041	Insurance Claims & Policy Processing Clerks	3,434	3,871	437	12.73%	553	990	\$14.66	\$10.18	\$11.95
43-9051	Mail Clerks & Mail Machine Operators, Except Postal Service	2,397	2,415	18	0.75%	716	734	\$10.09	\$6.88	\$8.37
43-9061	Office Clerks, General	42,406	51,397	8,991	21.20%	9,392	18,383	\$11.05	\$6.91	\$8.13
43-9071	Office Machine Operators, Except Computer	2,084	2,033	-51	-2.45%	525	525	\$10.64	\$6.73	\$7.87
43-9081	Proofreaders & Copy Markers	973	829	-144	-14.80%	200	200	\$9.83	\$6.34	\$7.40
43-9111	Statistical Assistants	228	211	-17	-7.46%	36	36	\$13.65	\$9.26	\$10.35
43-9999	Secretaries, Administrative Assistants, & Other Office Sup	4,586	4,497	-89	-1.94%	974	974	\$13.65	\$7.82	\$10.19
45-1011	First-Line Supervisors/Managers of Farming, Fishing, & For	913	902	-11	-1.20%	209	209	\$19.81	\$11.27	\$15.00
45-2021	Animal Breeders	124	85	-39	-31.45%	21	21	\$19.69	\$15.20	\$17.41
45-2041	Graders & Sorters, Agricultural Products	796	840	44	5.53%	211	255	\$8.50	\$5.82	\$6.47
45-2091	Agricultural Equipment Operators	1,506	1,482	-24	-1.59%	427	427	\$8.67	\$5.70	\$6.27
45-2092	Farmworkers & Laborers, Crop, Nursery, & Greenhouse	15,116	14,008	-1,108	-7.33%	4,283	4,283	\$6.77	\$5.54	\$5.91
45-2093	Farmworkers, Farm & Ranch Animals	1,099	1,041	-58	-5.28%	311	311	\$9.08	\$5.90	\$6.46
45-4021	Fallers	40	52	12	30.00%	7	19	\$8.54	\$7.54	\$7.84
45-4022	Logging Equipment Operators	190	216	26	13.68%	35	61	\$12.80	\$7.84	\$9.12
45-9099	Farming, Fishing, & Forestry Workers, All Other (OES Only)	1,499	1,566	67	4.47%	362	429	\$8.48	\$5.88	\$6.31
47-1011	First-Line Supervisors/Managers of Construction Trades & Extraction Workers	15,611	20,546	4,935	31.61%	2,655	7,590	\$22.51	\$14.38	\$17.64
47-2011	Boilermakers	755	879	124	16.42%	275	399	\$20.30	\$18.34	\$19.16
47-2021	Brickmasons & Blockmasons	4,242	5,595	1,353	31.90%	631	1,984	\$16.23	\$9.96	\$13.53
47-2022	Stonemasons	934	1,359	425	45.50%	139	564	\$13.24	\$8.96	\$10.44
47-2031	Carpenters	33,809	43,240	9,431	27.89%	5,503	14,934	\$15.79	\$9.49	\$11.91

Hourly Wage Estimates			2003 Occupational Annual Wage Estimates						Training Requirements	
Median Wage	75th %tile	90th %tile	Mean	10th %tile	25th %tile	Median Wage	75th %tile	90th %tile	Code	Description
\$11.44	\$14.01	\$17.24	\$25,277	\$16,919	\$19,998	\$23,790	\$29,136	\$35,864	10	Moderate-term on-the-job training
\$9.64	\$11.72	\$13.52	\$20,528	\$13,934	\$16,370	\$20,045	\$24,383	\$28,118	11	Short-term on-the-job training
\$7.85	\$9.35	\$10.71	\$16,717	\$12,284	\$13,741	\$16,323	\$19,456	\$22,279	11	Short-term on-the-job training
\$10.26	\$12.78	\$15.17	\$22,839	\$14,105	\$17,593	\$21,349	\$26,588	\$31,560	11	Short-term on-the-job training
\$10.68	\$12.95	\$15.54	\$22,566	\$14,569	\$17,702	\$22,205	\$26,927	\$32,325	11	Short-term on-the-job training
\$13.63	\$16.90	\$20.95	\$29,878	\$19,619	\$24,062	\$28,344	\$35,146	\$43,572	11	Short-term on-the-job training
\$12.83	\$15.92	\$19.51	\$27,941	\$19,119	\$22,033	\$26,695	\$33,116	\$40,589	8	Work experience in a related occupation
\$10.67	\$13.45	\$16.86	\$23,971	\$15,871	\$18,321	\$22,202	\$27,986	\$35,059	11	Short-term on-the-job training
\$13.01	\$16.01	\$19.13	\$28,221	\$18,845	\$22,529	\$27,065	\$33,309	\$39,799		
\$9.92	\$11.69	\$13.72	\$21,113	\$14,724	\$17,178	\$20,631	\$24,321	\$28,547	11	Short-term on-the-job training
\$12.05	\$16.26	\$21.01	\$27,485	\$16,576	\$19,672	\$25,060	\$33,812	\$43,707	11	Short-term on-the-job training
\$14.06	\$18.00	\$24.44	\$32,766	\$19,194	\$23,542	\$29,242	\$37,442	\$50,845		
\$16.51	\$22.74	\$28.14	\$37,483	\$20,481	\$25,960	\$34,348	\$47,299	\$58,533	10	Moderate-term on-the-job training
\$9.72	\$11.00	\$13.06	\$20,809	\$15,121	\$17,203	\$20,208	\$22,879	\$27,160	11	Short-term on-the-job training
\$15.22	\$18.52	\$21.48	\$32,393	\$21,974	\$25,800	\$31,648	\$38,521	\$44,689	10	Moderate-term on-the-job training
\$14.19	\$19.29	\$22.06	\$31,171	\$18,736	\$22,499	\$29,521	\$40,119	\$45,892	10	Moderate-term on-the-job training
\$13.75	\$16.77	\$21.22	\$30,318	\$20,328	\$24,123	\$28,591	\$34,888	\$44,132	11	Short-term on-the-job training
\$19.16	\$20.35	\$21.07	\$39,374	\$35,860	\$37,354	\$39,843	\$42,332	\$43,825	11	Short-term on-the-job training
\$19.09	\$20.63	\$21.97	\$39,320	\$32,429	\$36,494	\$39,702	\$42,911	\$45,708	11	Short-term on-the-job training
\$18.80	\$20.15	\$20.97	\$37,482	\$28,282	\$36,288	\$39,103	\$41,918	\$43,608	11	Short-term on-the-job training
\$15.32	\$19.39	\$23.29	\$32,915	\$19,114	\$24,883	\$31,855	\$40,339	\$48,436	11	Short-term on-the-job training
\$9.68	\$12.65	\$16.09	\$22,084	\$14,846	\$16,392	\$20,133	\$26,305	\$33,462	11	Short-term on-the-job training
\$9.39	\$12.38	\$15.88	\$21,434	\$13,510	\$15,855	\$19,534	\$25,758	\$33,023	11	Short-term on-the-job training
\$10.66	\$13.49	\$16.39	\$23,690	\$16,039	\$18,545	\$22,171	\$28,057	\$34,089	11	Short-term on-the-job training
\$11.31	\$16.67	\$20.99	\$27,799	\$19,526	\$20,994	\$23,518	\$34,664	\$43,652	10	Moderate-term on-the-job training
\$15.02	\$17.73	\$21.35	\$32,230	\$22,517	\$25,983	\$31,231	\$36,871	\$44,405		
\$18.59	\$20.70	\$22.59	\$37,729	\$24,767	\$31,546	\$38,672	\$43,060	\$46,989	7	Postsecondary vocational training
\$12.58	\$14.60	\$17.22	\$27,516	\$19,740	\$22,657	\$26,174	\$30,377	\$35,818	7	Postsecondary vocational training
\$11.64	\$14.02	\$16.96	\$24,913	\$15,939	\$19,893	\$24,202	\$29,159	\$35,275	10	Moderate-term on-the-job training
\$12.56	\$15.99	\$19.67	\$27,990	\$18,045	\$21,302	\$26,132	\$33,261	\$40,909	10	Moderate-term on-the-job training
\$10.55	\$12.24	\$14.44	\$22,804	\$16,642	\$19,188	\$21,934	\$25,454	\$30,035	10	Moderate-term on-the-job training
\$11.31	\$13.79	\$16.84	\$24,622	\$16,057	\$19,309	\$23,534	\$28,685	\$35,034	10	Moderate-term on-the-job training
\$11.61	\$16.03	\$19.64	\$25,025	\$11,865	\$13,478	\$24,152	\$33,334	\$40,858	7	Postsecondary vocational training
\$13.92	\$17.11	\$20.70	\$30,486	\$21,173	\$24,865	\$28,944	\$35,599	\$43,053	10	Moderate-term on-the-job training
\$9.90	\$11.46	\$13.74	\$20,977	\$14,313	\$17,403	\$20,589	\$23,847	\$28,587	11	Short-term on-the-job training
\$10.16	\$12.88	\$16.43	\$22,984	\$14,366	\$16,919	\$21,133	\$26,792	\$34,173	11	Short-term on-the-job training
\$9.52	\$12.56	\$16.63	\$22,128	\$14,002	\$16,371	\$19,802	\$26,118	\$34,585	11	Short-term on-the-job training
\$8.88	\$11.22	\$14.05	\$20,439	\$13,192	\$15,402	\$18,475	\$23,341	\$29,214	11	Short-term on-the-job training
\$12.37	\$16.03	\$20.60	\$28,401	\$19,262	\$21,518	\$25,727	\$33,347	\$42,855	10	Moderate-term on-the-job training
\$13.14	\$17.04	\$20.38	\$28,396	\$16,267	\$21,196	\$27,329	\$35,434	\$42,386	11	Short-term on-the-job training
\$18.68	\$24.08	\$30.79	\$41,198	\$23,443	\$31,197	\$38,848	\$50,082	\$64,039	8	Work experience in a related occupation
\$19.37	\$21.32	\$25.72	\$40,952	\$31,622	\$36,214	\$40,281	\$44,348	\$53,494	10	Moderate-term on-the-job training
\$7.97	\$10.02	\$11.06	\$17,686	\$12,102	\$13,458	\$16,568	\$20,838	\$23,001	8	Work experience in a related occupation
\$7.70	\$10.11	\$14.09	\$18,035	\$11,850	\$13,048	\$16,008	\$21,036	\$29,303	10	Moderate-term on-the-job training
\$6.51	\$7.44	\$8.51	\$14,085	\$11,517	\$12,285	\$13,531	\$15,471	\$17,692	11	Short-term on-the-job training
\$7.68	\$10.85	\$14.77	\$18,893	\$12,271	\$13,435	\$15,982	\$22,571	\$30,725	11	Short-term on-the-job training
\$8.35	\$8.85	\$9.16	\$17,754	\$15,689	\$16,317	\$17,366	\$18,414	\$19,043	10	Moderate-term on-the-job training
\$12.29	\$14.18	\$20.79	\$26,619	\$16,307	\$18,963	\$25,568	\$29,497	\$43,233	10	Moderate-term on-the-job training
\$7.02	\$9.94	\$13.66	\$17,642	\$12,234	\$13,127	\$14,610	\$20,671	\$28,420	8	Work experience in a related occupation
\$21.51	\$26.97	\$32.97	\$46,819	\$29,912	\$36,693	\$44,735	\$56,093	\$68,572		
\$20.44	\$21.73	\$22.79	\$42,218	\$38,142	\$39,849	\$42,508	\$45,199	\$47,406	9	Long-term on-the-job training
\$16.53	\$19.76	\$21.71	\$33,762	\$20,711	\$28,140	\$34,388	\$41,095	\$45,156	9	Long-term on-the-job training
\$12.68	\$15.72	\$19.22	\$27,546	\$18,634	\$21,718	\$26,380	\$32,691	\$39,985	9	Long-term on-the-job training
\$15.21	\$19.18	\$23.04	\$32,851	\$19,748	\$24,774	\$31,641	\$39,905	\$47,916	9	Long-term on-the-job training

Standard Occupation Classification (SOC)*		Employment		10 Year Employment Change				2003 Occupational		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Sepa- rations	Total Openings	Mean	10th %tile	25th %tile
47-2041	Carpet Installers	2,202	2,720	518	23.52%	344	862	\$15.37	\$9.04	\$11.46
47-2042	Floor Layers, Except Carpet, Wood, & Hard Tiles	509	620	111	21.81%	79	190	\$14.63	\$7.14	\$9.27
47-2044	Tile & Marble Setters	2,051	3,007	956	46.61%	320	1,276	\$14.51	\$8.45	\$10.61
47-2051	Cement Masons & Concrete Finishers	7,550	10,839	3,289	43.56%	1,520	4,809	\$15.40	\$10.64	\$12.62
47-2053	Terrazzo Workers & Finishers	282	361	79	28.01%	57	136	\$10.81	\$7.45	\$8.44
47-2061	Construction Laborers	22,122	29,294	7,172	32.42%	2,945	10,117	\$10.64	\$6.55	\$7.95
47-2071	Paving, Surfacing, & Tamping Equipment Operators	1,365	1,748	383	28.06%	195	578	\$15.25	\$9.55	\$12.45
47-2073	Operating Engineers & Other Construction Equipment Operators	8,824	11,207	2,383	27.01%	2,269	4,652	\$16.63	\$11.50	\$13.98
47-2081	Drywall & Ceiling Tile Installers	6,862	9,687	2,825	41.17%	1,488	4,313	\$13.61	\$8.88	\$10.80
47-2082	Tapers	4,169	5,828	1,659	39.79%	904	2,563	\$13.43	\$7.72	\$10.40
47-2111	Electricians	10,648	14,595	3,947	37.07%	2,105	6,052	\$17.99	\$10.79	\$13.71
47-2121	Glaziers	1,337	1,751	414	30.96%	280	694	\$12.74	\$8.01	\$9.65
47-2130	Insulation Workers	945	1,212	267	28.25%	285	552	\$11.95	\$7.21	\$8.29
47-2141	Painters, Construction & Maintenance	9,717	12,448	2,731	28.11%	1,480	4,211	\$12.63	\$8.72	\$10.08
47-2142	Paperhangers	1,037	1,181	144	13.89%	132	276	\$15.98	\$9.55	\$10.69
47-2151	Pipelayers	1,346	1,745	399	29.64%	310	709	\$13.18	\$9.23	\$10.29
47-2152	Plumbers, Pipefitters, & Steamfitters	8,581	11,449	2,868	33.42%	1,973	4,841	\$18.03	\$11.74	\$14.20
47-2161	Plasterers & Stucco Masons	3,738	4,918	1,180	31.57%	684	1,864	\$14.07	\$9.02	\$11.22
47-2171	Reinforcing Iron & Rebar Workers	709	954	245	34.56%	138	383	\$16.00	\$10.53	\$12.55
47-2181	Roofers	4,585	6,024	1,439	31.38%	1,067	2,506	\$14.37	\$8.94	\$11.23
47-2211	Sheet Metal Workers	4,226	5,499	1,273	30.12%	1,013	2,286	\$14.63	\$8.20	\$9.91
47-2221	Structural Iron & Steel Workers	1,835	2,527	692	37.71%	359	1,051	\$16.40	\$11.75	\$13.57
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, & Tile & Marble Setters	2,635	3,068	433	16.43%	1,094	1,527	\$9.24	\$6.13	\$6.90
47-3012	Helpers--Carpenters	5,913	7,771	1,858	31.42%	2,455	4,313	\$8.90	\$6.19	\$7.29
47-3013	Helpers--Electricians	2,386	3,149	763	31.98%	991	1,754	\$10.01	\$6.94	\$7.91
47-3014	Helpers--Painters, Paperhangers, Plasterers, & Stucco Masons	2,108	2,834	726	34.44%	875	1,601	\$9.05	\$6.32	\$7.29
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, & Steamfitters	3,746	4,647	901	24.05%	1,555	2,456	\$10.61	\$7.37	\$8.35
47-3016	Helpers--Roofers	1,200	1,618	418	34.83%	498	916	\$8.05	\$6.02	\$6.79
47-3019	Helpers, Construction Trades, All Other	2,019	2,546	527	26.10%	838	1,365	\$8.92	\$6.08	\$6.93
47-4011	Construction & Building Inspectors	2,530	3,272	742	29.33%	570	1,312	\$19.86	\$13.29	\$16.24
47-4021	Elevator Installers & Repairers	415	535	120	28.92%	103	223	\$19.64	\$11.10	\$13.59
47-4031	Fence Erectors	683	872	189	27.67%	101	290	\$11.14	\$7.49	\$8.38
47-4041	Hazardous Materials Removal Workers	1,490	2,073	583	39.13%	393	976	\$17.61	\$12.33	\$14.50
47-4051	Highway Maintenance Workers	2,156	2,643	487	22.59%	312	799	\$13.05	\$9.33	\$11.13
47-4061	Rail-Track Laying & Maintenance Equipment Operators	172	200	28	16.28%	39	67	\$18.02	\$10.28	\$12.04
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	490	619	129	26.33%	131	260	\$14.14	\$8.41	\$10.92
47-4999	Construction Trades & Related Workers, All Other (OES Only)	2,988	4,192	1,204	40.29%	477	1,681	\$12.24	\$6.21	\$7.92
47-5021	Earth Drillers, Except Oil & Gas	620	747	127	20.48%	131	258	\$17.40	\$11.82	\$14.69
47-5031	Explosives Workers, Ordnance Handling Experts, & Blasters	163	188	25	15.34%	62	87	\$19.11	\$14.75	\$18.08
47-5041	Continuous Mining Machine Operators	311	345	34	10.93%	88	122	\$19.77	\$15.94	\$18.52
47-5049	Mining Machine Operators, All Other	59	63	4	6.78%	17	21	\$19.10	\$11.07	\$15.55
47-5051	Rock Splitters, Quarry	272	323	51	18.75%	67	118	\$12.67	\$9.19	\$10.83
47-5081	Helpers--Extraction Workers	849	1,403	554	65.25%	239	793	\$12.64	\$9.11	\$10.15
47-5099	Extraction Workers, All Other	156	175	19	12.18%	39	58	\$17.70	\$10.11	\$15.31
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, an	7,671	9,562	1,891	24.65%	1,922	3,813	\$23.56	\$13.89	\$17.75
49-2011	Computer, Automated Teller, & Office Machine Repairers	2,036	2,358	322	15.82%	248	570	\$15.71	\$10.10	\$12.10
49-2021	Radio Mechanics	201	146	-55	-27.36%	42	42	\$25.53	\$12.62	\$18.62
49-2022	Telecommunications Equipment Installers & Repairers, Except Line Installers	3,783	4,138	355	9.38%	783	1,138	\$22.20	\$13.73	\$20.04
49-2091	Avionics Technicians	591	701	110	18.61%	143	253	\$22.37	\$15.47	\$18.68
49-2092	Electric Motor, Power Tool, & Related Repairers	351	375	24	6.84%	84	108	\$17.33	\$11.85	\$15.01
49-2093	Electrical & Electronics Installers & Repairers, Transportation Equipment	461	557	96	20.82%	113	209	\$22.66	\$15.21	\$18.10
49-2094	Electrical & Electronics Repairers, Commercial & Industrial	3,445	3,828	383	11.12%	756	1,139	\$16.96	\$11.93	\$12.98

Hourly Wage Estimates			2003 Occupational Annual Wage Estimates						Training Requirements	
Median Wage	75th %tile	90th %tile	Mean	10th %tile	25th %tile	Median Wage	75th %tile	90th %tile	Code	Description
\$14.16	\$17.78	\$22.55	\$31,961	\$18,798	\$23,836	\$29,463	\$36,986	\$46,911	10	Moderate-term on-the-job training
\$11.95	\$18.93	\$26.83	\$30,441	\$14,845	\$19,282	\$24,861	\$39,378	\$55,812	10	Moderate-term on-the-job training
\$13.90	\$17.28	\$22.53	\$30,178	\$17,585	\$22,076	\$28,908	\$35,953	\$46,869	9	Long-term on-the-job training
\$15.34	\$18.32	\$21.02	\$32,024	\$22,131	\$26,252	\$31,912	\$38,102	\$43,711	10	Moderate-term on-the-job training
\$10.50	\$12.99	\$14.51	\$22,480	\$15,490	\$17,546	\$21,841	\$27,023	\$30,191	9	Long-term on-the-job training
\$10.10	\$12.69	\$15.79	\$22,132	\$13,623	\$16,546	\$21,002	\$26,400	\$32,840	10	Moderate-term on-the-job training
\$15.25	\$17.92	\$20.81	\$31,713	\$19,863	\$25,888	\$31,728	\$37,278	\$43,292	10	Moderate-term on-the-job training
\$16.50	\$19.64	\$21.98	\$34,587	\$23,930	\$29,083	\$34,311	\$40,852	\$45,721	10	Moderate-term on-the-job training
\$13.45	\$16.25	\$18.94	\$28,316	\$18,461	\$22,464	\$27,969	\$33,791	\$39,403	10	Moderate-term on-the-job training
\$14.27	\$16.45	\$17.93	\$27,928	\$16,067	\$21,639	\$29,676	\$34,224	\$37,298	10	Moderate-term on-the-job training
\$17.92	\$21.52	\$26.12	\$37,410	\$22,449	\$28,512	\$37,280	\$44,757	\$54,334	9	Long-term on-the-job training
\$12.07	\$15.52	\$19.61	\$26,493	\$16,667	\$20,069	\$25,098	\$32,288	\$40,795	9	Long-term on-the-job training
\$10.39	\$13.55	\$20.45	\$24,850	\$15,000	\$17,248	\$21,604	\$28,185	\$42,526	10	Moderate-term on-the-job training
\$12.20	\$14.86	\$17.40	\$26,263	\$18,131	\$20,972	\$25,383	\$30,909	\$36,193	10	Moderate-term on-the-job training
\$16.70	\$20.71	\$22.27	\$33,244	\$19,859	\$22,227	\$34,727	\$43,080	\$46,317	10	Moderate-term on-the-job training
\$12.70	\$15.73	\$18.08	\$27,421	\$19,199	\$21,395	\$26,419	\$32,715	\$37,597	10	Moderate-term on-the-job training
\$17.37	\$21.83	\$26.15	\$37,511	\$24,411	\$29,536	\$36,128	\$45,400	\$54,382	9	Long-term on-the-job training
\$13.70	\$16.41	\$20.10	\$29,263	\$18,763	\$23,345	\$28,489	\$34,123	\$41,805	9	Long-term on-the-job training
\$15.24	\$19.31	\$22.54	\$33,284	\$21,897	\$26,101	\$31,692	\$40,163	\$46,885	9	Long-term on-the-job training
\$14.06	\$17.05	\$20.98	\$29,898	\$18,587	\$23,369	\$29,242	\$35,458	\$43,644	10	Moderate-term on-the-job training
\$13.74	\$18.91	\$22.79	\$30,425	\$17,049	\$20,608	\$28,588	\$39,336	\$47,412	10	Moderate-term on-the-job training
\$16.60	\$19.23	\$21.26	\$34,109	\$24,443	\$28,235	\$34,536	\$39,988	\$44,214	9	Long-term on-the-job training
\$8.90	\$11.35	\$13.28	\$19,211	\$12,741	\$14,362	\$18,519	\$23,612	\$27,617	11	Short-term on-the-job training
\$8.69	\$10.34	\$11.58	\$18,516	\$12,884	\$15,171	\$18,070	\$21,506	\$24,077	11	Short-term on-the-job training
\$9.76	\$11.55	\$13.84	\$20,816	\$14,442	\$16,462	\$20,293	\$24,019	\$28,782	11	Short-term on-the-job training
\$8.45	\$11.20	\$12.98	\$18,828	\$13,153	\$15,166	\$17,580	\$23,298	\$27,005	11	Short-term on-the-job training
\$10.02	\$11.60	\$15.69	\$22,062	\$15,338	\$17,371	\$20,833	\$24,135	\$32,630	11	Short-term on-the-job training
\$7.86	\$8.98	\$10.82	\$16,743	\$12,521	\$14,132	\$16,343	\$18,668	\$22,514	11	Short-term on-the-job training
\$8.80	\$10.42	\$12.39	\$18,554	\$12,648	\$14,410	\$18,300	\$21,676	\$25,763	11	Short-term on-the-job training
\$19.02	\$22.98	\$27.92	\$41,318	\$27,641	\$33,789	\$39,557	\$47,792	\$58,068	8	Work experience in a related occupation
\$18.69	\$25.59	\$29.05	\$40,849	\$23,084	\$28,260	\$38,871	\$53,235	\$60,427	9	Long-term on-the-job training
\$10.05	\$12.50	\$18.48	\$23,164	\$15,573	\$17,439	\$20,895	\$25,998	\$38,439	10	Moderate-term on-the-job training
\$15.96	\$17.43	\$30.62	\$36,619	\$25,637	\$30,166	\$33,196	\$36,257	\$63,680	10	Moderate-term on-the-job training
\$12.73	\$15.01	\$17.16	\$27,151	\$19,404	\$23,142	\$26,468	\$31,216	\$35,688	10	Moderate-term on-the-job training
\$18.19	\$23.55	\$27.10	\$37,489	\$21,380	\$25,039	\$37,831	\$48,975	\$56,365	10	Moderate-term on-the-job training
\$13.36	\$17.28	\$21.12	\$29,404	\$17,486	\$22,709	\$27,799	\$35,937	\$43,931	10	Moderate-term on-the-job training
\$12.49	\$15.73	\$18.03	\$25,456	\$12,917	\$16,476	\$25,987	\$32,712	\$37,499	10	Moderate-term on-the-job training
\$17.48	\$20.16	\$21.99	\$36,198	\$24,594	\$30,560	\$36,358	\$41,931	\$45,731	10	Moderate-term on-the-job training
\$19.64	\$21.19	\$22.17	\$39,758	\$30,676	\$37,611	\$40,843	\$44,075	\$46,107	10	Moderate-term on-the-job training
\$20.23	\$21.97	\$23.08	\$41,127	\$33,154	\$38,519	\$42,075	\$45,707	\$48,004	10	Moderate-term on-the-job training
\$19.02	\$22.82	\$26.97	\$39,726	\$23,021	\$32,350	\$39,564	\$47,472	\$56,090	10	Moderate-term on-the-job training
\$12.66	\$14.22	\$16.41	\$26,360	\$19,107	\$22,533	\$26,335	\$29,574	\$34,133	10	Moderate-term on-the-job training
\$12.16	\$14.62	\$17.47	\$26,301	\$18,946	\$21,114	\$25,290	\$30,408	\$36,335	11	Short-term on-the-job training
\$18.37	\$20.92	\$24.04	\$36,824	\$21,023	\$31,853	\$38,208	\$43,516	\$49,993	10	Moderate-term on-the-job training
\$21.95	\$28.58	\$34.84	\$49,004	\$28,898	\$36,925	\$45,650	\$59,446	\$72,466	8	Work experience in a related occupation
\$14.58	\$18.56	\$23.44	\$32,666	\$21,013	\$25,167	\$30,335	\$38,598	\$48,754	7	Postsecondary vocational training
\$29.54	\$32.73	\$34.65	\$53,093	\$26,253	\$38,727	\$61,451	\$68,084	\$72,064	7	Postsecondary vocational training
\$23.85	\$26.18	\$27.68	\$46,184	\$28,567	\$41,681	\$49,600	\$54,446	\$57,568	9	Long-term on-the-job training
\$23.27	\$26.03	\$27.91	\$46,524	\$32,183	\$38,848	\$48,397	\$54,151	\$58,052	7	Postsecondary vocational training
\$18.06	\$20.27	\$21.74	\$36,041	\$24,649	\$31,223	\$37,571	\$42,157	\$45,213	7	Postsecondary vocational training
\$21.98	\$26.50	\$30.51	\$47,134	\$31,638	\$37,640	\$45,720	\$55,128	\$63,461	7	Postsecondary vocational training
\$14.87	\$20.37	\$25.24	\$35,273	\$24,815	\$26,995	\$30,927	\$42,372	\$52,509	7	Postsecondary vocational training

Standard Occupation Classification (SOC)*		Employment		10 Year Employment Change				2003 Occupational		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Sepa- rations	Total Openings	Mean	10th %tile	25th %tile
49-2095	Electrical & Electronics Repairers, Powerhouse, Substation	273	348	75	27.47%	60	135	\$25.62	\$18.67	\$23.43
49-2096	Electronic Equipment Installers & Repairers, Motor Vehicle	301	341	40	13.29%	73	113	\$11.55	\$7.00	\$7.64
49-2097	Electronic Home Entertainment Equipment Installers & Repairers	1,739	1,956	217	12.48%	340	557	\$14.27	\$8.85	\$9.81
49-2098	Security & Fire Alarm Systems Installers	1,938	2,573	635	32.77%	370	1,005	\$14.25	\$10.37	\$12.14
49-2099	Electrical & Electronic Equipment Mechanics, Installers, a	402	472	70	17.41%	83	153	\$14.82	\$11.88	\$12.63
49-3011	Aircraft Mechanics & Service Technicians	3,035	3,942	907	29.88%	716	1,623	\$21.34	\$14.25	\$16.83
49-3021	Automotive Body & Related Repairers	3,845	4,574	729	18.96%	781	1,510	\$17.88	\$8.87	\$13.65
49-3022	Automotive Glass Installers & Repairers	1,172	1,295	123	10.49%	223	346	\$12.28	\$8.09	\$9.44
49-3023	Automotive Service Technicians & Mechanics	17,249	21,061	3,812	22.10%	4,589	8,401	\$15.61	\$8.11	\$10.48
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	4,915	5,942	1,027	20.90%	1,264	2,291	\$17.31	\$11.43	\$13.98
49-3041	Farm Equipment Mechanics	328	367	39	11.89%	71	110	\$16.58	\$9.74	\$12.99
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	2,343	2,797	454	19.38%	509	963	\$18.36	\$13.05	\$15.53
49-3043	Rail Car Repairers	145	173	28	19.31%	31	59	\$21.17	\$11.93	\$14.60
49-3051	Motorboat Mechanics	259	333	74	28.57%	64	138	\$13.52	\$7.69	\$10.83
49-3052	Motorcycle Mechanics	209	271	62	29.67%	52	114	\$13.01	\$7.86	\$9.82
49-3053	Outdoor Power Equipment & Other Small Engine Mechanics	409	499	90	22.00%	101	191	\$13.35	\$7.74	\$10.19
49-3091	Bicycle Repairers	127	164	37	29.13%	54	91	\$9.60	\$6.83	\$8.78
49-3092	Recreational Vehicle Service Technicians	565	727	162	28.67%	240	402	\$12.89	\$8.88	\$10.44
49-3093	Tire Repairers & Changers	2,010	2,443	433	21.54%	854	1,287	\$9.57	\$6.81	\$7.81
49-3099	Vehicle & Mobile Equipment Mechanics, Installers, & Repairers	714	834	120	16.81%	190	310	\$20.50	\$9.99	\$11.59
49-9011	Mechanical Door Repairers	153	206	53	34.64%	38	91	\$16.62	\$10.77	\$12.58
49-9012	Control & Valve Installers & Repairers, Except Mechanical	1,056	1,480	424	40.15%	264	688	\$17.97	\$12.23	\$14.60
49-9021	Heating, Air Conditioning, & Refrigeration Mechanics & I	4,598	6,540	1,942	42.24%	611	2,553	\$17.21	\$11.03	\$13.15
49-9031	Home Appliance Repairers	1,372	1,503	131	9.55%	326	457	\$14.59	\$8.44	\$11.20
49-9041	Industrial Machinery Mechanics	1,953	2,298	345	17.67%	393	738	\$19.24	\$13.99	\$16.45
49-9042	Maintenance & Repair Workers, General	18,729	24,215	5,486	29.29%	3,596	9,082	\$13.36	\$7.77	\$9.54
49-9043	Maintenance Workers, Machinery	2,023	2,289	266	13.15%	457	723	\$19.63	\$11.27	\$15.39
49-9044	Millwrights	983	1,180	197	20.04%	239	436	\$20.31	\$15.09	\$18.25
49-9051	Electrical Power-Line Installers & Repairers	1,548	1,985	437	28.23%	491	928	\$23.16	\$13.31	\$17.56
49-9052	Telecommunications Line Installers & Repairers	3,074	4,070	996	32.40%	835	1,831	\$15.54	\$9.63	\$11.42
49-9061	Camera & Photographic Equipment Repairers	116	103	-13	-11.21%	32	32	\$18.06	\$13.58	\$14.46
49-9062	Medical Equipment Repairers	311	406	95	30.55%	87	182	\$24.80	\$11.87	\$16.78
49-9063	Musical Instrument Repairers & Tuners	541	593	52	9.61%	151	203	\$30.49	\$17.44	\$30.61
49-9064	Watch Repairers	419	505	86	20.53%	117	203	\$14.75	\$8.55	\$10.59
49-9069	Precision Instrument & Equipment Repairers, All Other	288	323	35	12.15%	81	116	\$15.99	\$11.46	\$12.34
49-9091	Coin, Vending, & Amusement Machine Servicers & Repairers	643	770	127	19.75%	156	283	\$14.63	\$9.76	\$11.56
49-9093	Fabric Menders, Except Garment	44	48	4	9.09%	10	14	\$14.77	\$8.01	\$10.93
49-9094	Locksmiths & Safe Repairers	584	672	88	15.07%	195	283	\$14.91	\$8.21	\$11.31
49-9095	Manufactured Building & Mobile Home Installers	409	499	90	22.00%	99	189	\$11.13	\$6.19	\$7.53
49-9098	Helpers--Installation, Maintenance, & Repair Workers	3,659	4,656	997	27.25%	1,238	2,235	\$9.81	\$6.54	\$7.59
49-9099	Installation, Maintenance, & Repair Workers, All Other	5,081	6,367	1,286	25.31%	1,156	2,442	\$16.49	\$9.37	\$11.04
51-1011	First-Line Supervisors/Managers of Production & Operating	8,126	9,659	1,533	18.87%	1,704	3,237	\$21.31	\$12.29	\$15.39
51-2011	Aircraft Structure, Surfaces, Rigging, & Systems Assembler	645	705	60	9.30%	177	237	\$19.97	\$14.81	\$16.76
51-2022	Electrical & Electronic Equipment Assemblers	2,265	2,071	-194	-8.57%	535	535	\$13.49	\$8.55	\$10.16
51-2023	Electromechanical Equipment Assemblers	685	681	-4	-0.58%	162	162	\$15.37	\$8.78	\$10.56
51-2031	Engine & Other Machine Assemblers	342	352	10	2.92%	96	106	\$18.05	\$7.73	\$8.78
51-2041	Structural Metal Fabricators & Fitters	845	899	54	6.39%	198	252	\$13.32	\$9.31	\$10.42
51-2091	Fiberglass Laminators & Fabricators	446	468	22	4.93%	115	137	\$10.01	\$5.93	\$6.79
51-2092	Team Assemblers	16,445	17,921	1,476	8.98%	4,251	5,727	\$10.53	\$6.60	\$7.95
51-2099	Assemblers & Fabricators, All Other	3,075	3,325	250	8.13%	795	1,045	\$12.30	\$6.71	\$8.01

Hourly Wage Estimates			2003 Occupational Annual Wage Estimates						Training Requirements	
Median Wage	75th %tile	90th %tile	Mean	10th %tile	25th %tile	Median Wage	75th %tile	90th %tile	Code	Description
\$26.02	\$28.94	\$33.08	\$53,290	\$38,838	\$48,744	\$54,131	\$60,188	\$68,812	7	Postsecondary vocational training
\$9.80	\$15.93	\$17.59	\$24,022	\$14,552	\$15,900	\$20,386	\$33,131	\$36,586	7	Postsecondary vocational training
\$12.97	\$17.32	\$21.67	\$29,689	\$18,409	\$20,403	\$26,969	\$36,023	\$45,079	7	Postsecondary vocational training
\$13.94	\$16.29	\$18.26	\$29,638	\$21,576	\$25,256	\$29,005	\$33,877	\$37,976	7	Postsecondary vocational training
\$13.87	\$16.34	\$20.39	\$30,831	\$24,707	\$26,260	\$28,850	\$33,982	\$42,416	7	Postsecondary vocational training
\$20.47	\$25.05	\$31.69	\$44,385	\$29,639	\$35,014	\$42,575	\$52,099	\$65,908	7	Postsecondary vocational training
\$15.86	\$20.51	\$30.17	\$37,184	\$18,441	\$28,397	\$32,995	\$42,651	\$62,745	9	Long-term on-the-job training
\$10.48	\$15.01	\$20.39	\$25,542	\$16,826	\$19,627	\$21,792	\$31,218	\$42,408	9	Long-term on-the-job training
\$15.06	\$19.26	\$23.35	\$32,471	\$16,872	\$21,805	\$31,317	\$40,069	\$48,571	7	Postsecondary vocational training
\$16.90	\$20.53	\$24.54	\$35,994	\$23,770	\$29,083	\$35,143	\$42,704	\$51,047	7	Postsecondary vocational training
\$15.97	\$19.19	\$24.37	\$34,486	\$20,251	\$27,023	\$33,224	\$39,919	\$50,683	7	Postsecondary vocational training
\$18.69	\$21.09	\$23.65	\$38,186	\$27,150	\$32,299	\$38,870	\$43,874	\$49,184	7	Postsecondary vocational training
\$20.88	\$26.26	\$32.32	\$44,031	\$24,823	\$30,371	\$43,432	\$54,628	\$67,220	9	Long-term on-the-job training
\$13.02	\$15.18	\$21.14	\$28,120	\$15,998	\$22,534	\$27,077	\$31,584	\$43,964	9	Long-term on-the-job training
\$12.60	\$15.70	\$18.16	\$27,063	\$16,348	\$20,423	\$26,214	\$32,652	\$37,774	9	Long-term on-the-job training
\$13.16	\$16.17	\$20.00	\$27,768	\$16,098	\$21,199	\$27,381	\$33,636	\$41,590	10	Moderate-term on-the-job training
\$9.89	\$10.80	\$11.58	\$19,977	\$14,211	\$18,271	\$20,573	\$22,464	\$24,095	10	Moderate-term on-the-job training
\$12.96	\$15.37	\$17.17	\$26,817	\$18,464	\$21,720	\$26,955	\$31,970	\$35,706	9	Long-term on-the-job training
\$9.21	\$10.82	\$13.10	\$19,895	\$14,170	\$16,248	\$19,150	\$22,505	\$27,238	11	Short-term on-the-job training
\$24.18	\$26.85	\$28.45	\$42,639	\$20,780	\$24,104	\$50,292	\$55,848	\$59,181	10	Moderate-term on-the-job training
\$18.36	\$20.45	\$21.71	\$34,576	\$22,395	\$26,172	\$38,185	\$42,533	\$45,154	10	Moderate-term on-the-job training
\$17.16	\$21.44	\$25.78	\$37,378	\$25,443	\$30,374	\$35,688	\$44,588	\$53,624	9	Long-term on-the-job training
\$16.88	\$21.07	\$24.73	\$35,789	\$22,935	\$27,360	\$35,102	\$43,823	\$51,429	9	Long-term on-the-job training
\$15.11	\$17.46	\$20.28	\$30,343	\$17,552	\$23,287	\$31,429	\$36,318	\$42,175	9	Long-term on-the-job training
\$19.17	\$21.53	\$25.28	\$40,022	\$29,094	\$34,213	\$39,876	\$44,784	\$52,582	9	Long-term on-the-job training
\$12.46	\$16.48	\$20.55	\$27,789	\$16,155	\$19,849	\$25,913	\$34,284	\$42,737	10	Moderate-term on-the-job training
\$19.82	\$23.73	\$28.24	\$40,830	\$23,444	\$32,020	\$41,216	\$49,364	\$58,735	11	Short-term on-the-job training
\$20.11	\$22.00	\$26.84	\$42,237	\$31,379	\$37,969	\$41,824	\$45,760	\$55,835	9	Long-term on-the-job training
\$23.72	\$27.68	\$33.19	\$48,166	\$27,677	\$36,527	\$49,346	\$57,570	\$69,026	9	Long-term on-the-job training
\$14.93	\$19.47	\$22.57	\$32,314	\$20,025	\$23,760	\$31,051	\$40,500	\$46,950	9	Long-term on-the-job training
\$15.90	\$19.05	\$30.19	\$37,566	\$28,239	\$30,080	\$33,079	\$39,630	\$62,794	10	Moderate-term on-the-job training
\$21.03	\$30.00	\$50.05	\$51,579	\$24,688	\$34,900	\$43,736	\$62,390	\$104,100	6	Associate degree
\$32.86	\$35.12	\$36.47	\$63,419	\$36,282	\$63,662	\$68,355	\$73,047	\$75,863	9	Long-term on-the-job training
\$15.80	\$17.86	\$20.62	\$30,683	\$17,776	\$22,024	\$32,867	\$37,148	\$42,886	9	Long-term on-the-job training
\$13.86	\$17.62	\$25.53	\$33,268	\$23,837	\$25,663	\$28,831	\$36,656	\$53,102	9	Long-term on-the-job training
\$14.38	\$17.56	\$20.26	\$30,423	\$20,309	\$24,051	\$29,905	\$36,529	\$42,134	10	Moderate-term on-the-job training
\$16.57	\$19.15	\$20.56	\$30,731	\$16,658	\$22,742	\$34,456	\$39,827	\$42,763	10	Moderate-term on-the-job training
\$14.63	\$17.28	\$21.36	\$31,022	\$17,083	\$23,529	\$30,437	\$35,934	\$44,433	10	Moderate-term on-the-job training
\$11.91	\$13.71	\$15.75	\$23,153	\$12,880	\$15,673	\$24,781	\$28,512	\$32,770	10	Moderate-term on-the-job training
\$9.00	\$11.01	\$14.68	\$20,400	\$13,602	\$15,794	\$18,716	\$22,894	\$30,525	11	Short-term on-the-job training
\$16.00	\$21.14	\$25.63	\$34,291	\$19,491	\$22,955	\$33,286	\$43,977	\$53,317	10	Moderate-term on-the-job training
\$19.77	\$25.44	\$32.84	\$44,325	\$25,572	\$32,012	\$41,118	\$52,917	\$68,311	8	Work experience in a related occupation
\$19.97	\$22.88	\$26.59	\$41,528	\$30,815	\$34,866	\$41,547	\$47,584	\$55,300	9	Long-term on-the-job training
\$12.53	\$15.93	\$19.96	\$28,068	\$17,785	\$21,132	\$26,055	\$33,125	\$41,517	11	Short-term on-the-job training
\$14.76	\$19.72	\$24.08	\$31,975	\$18,260	\$21,955	\$30,707	\$41,021	\$50,084	11	Short-term on-the-job training
\$21.19	\$24.58	\$26.48	\$37,553	\$16,083	\$18,258	\$44,066	\$51,124	\$55,088	11	Short-term on-the-job training
\$12.60	\$15.82	\$19.45	\$27,713	\$19,358	\$21,673	\$26,208	\$32,916	\$40,459	10	Moderate-term on-the-job training
\$8.49	\$12.14	\$17.76	\$20,824	\$12,340	\$14,124	\$17,655	\$25,253	\$36,936	10	Moderate-term on-the-job training
\$9.89	\$12.38	\$15.55	\$21,909	\$13,732	\$16,544	\$20,574	\$25,743	\$32,353	10	Moderate-term on-the-job training
\$10.32	\$13.93	\$24.04	\$25,592	\$13,952	\$16,667	\$21,476	\$28,964	\$49,996	10	Moderate-term on-the-job training

Standard Occupation Classification (SOC)*		Employment		10 Year Employment Change				2003 Occupational		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Sepa- rations	Total Openings	Mean	10th %tile	25th %tile
51-3011	Bakers	3,228	3,746	518	16.05%	749	1,267	\$11.04	\$7.02	\$8.51
51-3021	Butchers & Meat Cutters	2,094	2,052	-42	-2.01%	459	459	\$16.16	\$9.90	\$12.42
51-3022	Meat, Poultry, & Fish Cutters & Trimmers	757	935	178	23.51%	166	344	\$14.04	\$8.20	\$10.83
51-3023	Slaughterers & Meat Packers	613	802	189	30.83%	134	323	\$10.36	\$7.24	\$8.19
51-3091	Food & Tobacco Roasting, Baking, & Drying Machine Operators	307	337	30	9.77%	88	118	\$11.26	\$6.42	\$7.51
51-3092	Food Batchmakers	1,222	1,468	246	20.13%	301	547	\$10.91	\$7.14	\$8.12
51-3093	Food Cooking Machine Operators & Tenders	348	411	63	18.10%	80	143	\$10.34	\$6.91	\$8.62
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	1,021	1,120	99	9.70%	168	267	\$14.63	\$9.28	\$10.81
51-4012	Numerical Tool & Process Control Programmers	420	467	47	11.19%	69	116	\$16.41	\$9.24	\$10.30
51-4021	Extruding & Drawing Machine Setters, Operators, & Tender	1,202	1,302	100	8.32%	400	500	\$12.27	\$7.93	\$9.53
51-4022	Forging Machine Setters, Operators, & Tenders, Metal & P	411	438	27	6.57%	61	88	\$13.46	\$9.25	\$10.38
51-4023	Rolling Machine Setters, Operators, & Tenders, Metal & P	366	364	-2	-0.55%	83	83	\$11.43	\$7.74	\$9.34
51-4031	Cutting, Punching, & Press Machine Setters, Operators, and	2,327	2,613	286	12.29%	539	825	\$10.62	\$6.79	\$8.27
51-4032	Drilling & Boring Machine Tool Setters, Operators, & Ten	559	550	-9	-1.61%	163	163	\$12.56	\$7.43	\$8.69
51-4033	Grinding, Lapping, Polishing, & Buffing Machine Tool Setters	1,056	1,061	5	0.47%	202	207	\$10.82	\$6.46	\$7.79
51-4034	Lathe & Turning Machine Tool Setters, Operators, & Tenders	576	589	13	2.26%	110	123	\$16.31	\$9.90	\$11.97
51-4035	Milling & Planing Machine Setters, Operators, & Tenders, Metal & Plastic	514	568	54	10.51%	89	143	\$11.99	\$5.73	\$6.49
51-4041	Machinists	4,154	4,726	572	13.77%	968	1,540	\$15.73	\$9.59	\$12.08
51-4051	Metal-Refining Furnace Operators & Tenders	141	153	12	8.51%	32	44	\$14.23	\$9.84	\$11.86
51-4052	Pourers & Casters, Metal	82	87	5	6.10%	18	23	\$13.48	\$9.84	\$11.65
51-4071	Foundry Mold & Coremakers	214	214	0	0.00%	53	53	\$13.37	\$9.13	\$10.59
51-4072	Molding, Coremaking, & Casting Machine Setters, Operators, Metal & Plastic	1,450	1,510	60	4.14%	361	421	\$10.87	\$7.88	\$9.15
51-4081	Multiple Machine Tool Setters, Operators, & Tenders, Metal & Plastic	692	752	60	8.67%	191	251	\$14.47	\$9.24	\$10.61
51-4111	Tool & Die Makers	688	701	13	1.89%	155	168	\$20.12	\$13.48	\$16.71
51-4121	Welders, Cutters, Solderers, & Brazers	4,703	6,022	1,319	28.05%	1,328	2,647	\$13.00	\$8.19	\$10.01
51-4122	Welding, Soldering, & Brazing Machine Setters, Operators,	561	572	11	1.96%	158	169	\$13.99	\$8.70	\$10.62
51-4191	Heat Treating Equipment Setters, Operators, & Tenders, Met	355	350	-5	-1.41%	111	111	\$11.83	\$8.51	\$9.79
51-4192	Lay-Out Workers, Metal & Plastic	137	144	7	5.11%	21	28	\$13.68	\$9.64	\$11.35
51-4193	Plating & Coating Machine Setters, Operators, & Tenders,	707	712	5	0.71%	154	159	\$11.23	\$6.63	\$7.83
51-4194	Tool Grinders, Filers, & Sharpeners	428	393	-35	-8.18%	139	139	\$15.21	\$9.51	\$11.06
51-4199	Metal Workers & Plastic Workers, All Other	1,126	1,139	13	1.15%	266	279	\$15.17	\$9.47	\$10.92
51-5011	Bindery Workers	847	796	-51	-6.02%	226	226	\$10.54	\$6.83	\$8.13
51-5012	Bookbinders	60	64	4	6.67%	16	20	\$12.82	\$6.55	\$10.32
51-5021	Job Printers	979	1,054	75	7.66%	230	305	\$12.81	\$7.77	\$9.40
51-5022	Prepress Technicians & Workers	918	821	-97	-10.57%	215	215	\$15.22	\$9.77	\$11.77
51-5023	Printing Machine Operators	2,613	2,860	247	9.45%	607	854	\$15.29	\$9.31	\$10.64
51-6011	Laundry & Dry-Cleaning Workers	3,684	4,475	791	21.47%	1,002	1,793	\$7.64	\$5.78	\$6.40
51-6021	Pressers, Textile, Garment, & Related Materials	1,293	1,533	240	18.56%	202	442	\$7.45	\$5.61	\$6.14
51-6031	Sewing Machine Operators	1,814	2,251	437	24.09%	225	662	\$8.91	\$6.22	\$7.30
51-6041	Shoe & Leather Workers & Repairers	219	235	16	7.31%	69	85	\$9.41	\$6.14	\$7.21
51-6051	Sewers, Hand	398	480	82	20.60%	69	151	\$12.18	\$7.44	\$7.95
51-6052	Tailors, Dressmakers, & Custom Sewers	725	831	106	14.62%	126	232	\$12.16	\$7.72	\$9.29
51-6062	Textile Cutting Machine Setters, Operators, & Tenders	167	180	13	7.78%	37	50	\$8.54	\$6.52	\$7.52
51-6063	Textile Knitting & Weaving Machine Setters, Operators, and	116	147	31	26.72%	13	44	\$6.58	\$5.35	\$5.64
51-6091	Extruding & Forming Machine Setters, Operators, & Tender	111	129	18	16.22%	22	40	\$10.57	\$7.59	\$8.27
51-6092	Fabric & Apparel Patternmakers	130	158	28	21.54%	61	89	\$9.09	\$5.84	\$6.28
51-6093	Upholsterers	474	444	-30	-6.33%	120	120	\$11.13	\$7.55	\$9.21
51-6099	Textile, Apparel, & Furnishings Workers, All Other	2,058	3,141	1,083	52.62%	485	1,568	\$9.82	\$7.42	\$7.90

Hourly Wage Estimates			2003 Occupational Annual Wage Estimates						Training Requirements	
Median Wage	75th %tile	90th %tile	Mean	10th %tile	25th %tile	Median Wage	75th %tile	90th %tile	Code	Description
\$11.22	\$13.28	\$15.34	\$22,966	\$14,609	\$17,707	\$23,331	\$27,613	\$31,908	9	Long-term on-the-job training
\$17.70	\$20.10	\$21.49	\$33,611	\$20,602	\$25,837	\$36,823	\$41,814	\$44,706	9	Long-term on-the-job training
\$14.91	\$16.93	\$18.74	\$29,198	\$17,047	\$22,528	\$31,010	\$35,205	\$38,974	11	Short-term on-the-job training
\$9.95	\$12.31	\$14.74	\$21,559	\$15,069	\$17,031	\$20,689	\$25,612	\$30,664	10	Moderate-term on-the-job training
									11	Short-term on-the-job training
\$11.56	\$15.04	\$16.66	\$23,424	\$13,344	\$15,614	\$24,035	\$31,276	\$34,658		
\$11.57	\$13.03	\$14.49	\$22,701	\$14,854	\$16,891	\$24,056	\$27,107	\$30,143	11	Short-term on-the-job training
\$9.82	\$11.23	\$13.98	\$21,511	\$14,372	\$17,920	\$20,424	\$23,356	\$29,073	11	Short-term on-the-job training
									10	Moderate-term on-the-job training
\$14.16	\$18.02	\$21.33	\$30,428	\$19,310	\$22,487	\$29,445	\$37,473	\$44,376		
									9	Long-term on-the-job training
\$16.00	\$21.35	\$25.97	\$34,128	\$19,225	\$21,418	\$33,270	\$44,409	\$54,012		
\$11.32	\$14.70	\$17.44	\$25,513	\$16,502	\$19,820	\$23,550	\$30,572	\$36,283	10	Moderate-term on-the-job training
									10	Moderate-term on-the-job training
\$12.56	\$15.63	\$19.23	\$27,988	\$19,242	\$21,595	\$26,134	\$32,509	\$39,992		
									10	Moderate-term on-the-job training
\$10.85	\$13.43	\$16.21	\$23,771	\$16,101	\$19,428	\$22,564	\$27,935	\$33,725		
									10	Moderate-term on-the-job training
\$10.34	\$12.73	\$14.88	\$22,081	\$14,115	\$17,194	\$21,500	\$26,472	\$30,941		
									10	Moderate-term on-the-job training
\$11.74	\$14.95	\$19.73	\$26,133	\$15,459	\$18,075	\$24,414	\$31,087	\$41,048		
									10	Moderate-term on-the-job training
\$10.40	\$13.08	\$16.11	\$22,510	\$13,432	\$16,203	\$21,629	\$27,216	\$33,499		
									10	Moderate-term on-the-job training
\$17.04	\$20.01	\$21.80	\$33,932	\$20,599	\$24,895	\$35,453	\$41,621	\$45,345		
									10	Moderate-term on-the-job training
\$12.55	\$15.89	\$18.15	\$24,943	\$11,919	\$13,509	\$26,109	\$33,052	\$37,742		
\$15.43	\$19.29	\$22.57	\$32,710	\$19,952	\$25,135	\$32,088	\$40,128	\$46,939	9	Long-term on-the-job training
\$13.52	\$16.51	\$20.91	\$29,606	\$20,475	\$24,672	\$28,125	\$34,338	\$43,496	10	Moderate-term on-the-job training
\$13.08	\$14.88	\$17.95	\$28,044	\$20,466	\$24,233	\$27,211	\$30,958	\$37,340	10	Moderate-term on-the-job training
\$12.54	\$14.86	\$19.27	\$27,804	\$18,999	\$22,028	\$26,081	\$30,900	\$40,088	10	Moderate-term on-the-job training
									10	Moderate-term on-the-job training
\$10.33	\$12.03	\$15.05	\$22,615	\$16,380	\$19,033	\$21,491	\$25,020	\$31,307		
									10	Moderate-term on-the-job training
\$13.04	\$17.52	\$22.41	\$30,101	\$19,220	\$22,073	\$27,124	\$36,437	\$46,605		
\$19.95	\$23.27	\$27.91	\$41,853	\$28,045	\$34,757	\$41,495	\$48,409	\$58,049	9	Long-term on-the-job training
\$12.32	\$15.41	\$19.06	\$27,050	\$17,030	\$20,816	\$25,629	\$32,043	\$39,644	9	Long-term on-the-job training
									10	Moderate-term on-the-job training
\$12.83	\$15.77	\$21.91	\$29,101	\$18,099	\$22,095	\$26,690	\$32,808	\$45,569		
									10	Moderate-term on-the-job training
\$11.44	\$13.46	\$16.03	\$24,617	\$17,707	\$20,359	\$23,788	\$28,006	\$33,346		
\$12.86	\$14.66	\$18.70	\$28,451	\$20,056	\$23,609	\$26,757	\$30,501	\$38,899	10	Moderate-term on-the-job training
									10	Moderate-term on-the-job training
\$9.60	\$13.20	\$20.29	\$23,363	\$13,791	\$16,291	\$19,961	\$27,464	\$42,194		
\$14.99	\$18.97	\$21.70	\$31,632	\$19,771	\$23,005	\$31,181	\$39,448	\$45,140	10	Moderate-term on-the-job training
\$13.35	\$17.52	\$26.17	\$31,556	\$19,694	\$22,705	\$27,765	\$36,445	\$54,429	10	Moderate-term on-the-job training
\$9.78	\$12.39	\$15.87	\$21,917	\$14,210	\$16,901	\$20,346	\$25,769	\$33,007	11	Short-term on-the-job training
\$12.85	\$15.64	\$17.41	\$26,663	\$17,784	\$21,460	\$26,727	\$32,533	\$36,221	10	Moderate-term on-the-job training
\$11.78	\$16.04	\$19.68	\$26,651	\$16,155	\$19,554	\$24,503	\$33,354	\$40,924	9	Long-term on-the-job training
\$14.48	\$18.62	\$22.00	\$31,660	\$20,326	\$24,481	\$30,120	\$38,720	\$45,762	9	Long-term on-the-job training
\$15.40	\$19.76	\$21.89	\$31,806	\$19,373	\$22,127	\$32,041	\$41,105	\$45,542	10	Moderate-term on-the-job training
\$7.38	\$8.47	\$10.19	\$15,892	\$12,013	\$13,322	\$15,360	\$17,621	\$21,191	10	Moderate-term on-the-job training
									11	Short-term on-the-job training
\$7.22	\$8.45	\$10.12	\$15,496	\$11,660	\$12,772	\$15,010	\$17,581	\$21,054		
\$8.42	\$10.17	\$12.36	\$18,525	\$12,941	\$15,189	\$17,518	\$21,144	\$25,710	10	Moderate-term on-the-job training
\$9.08	\$10.67	\$13.38	\$19,567	\$12,778	\$14,998	\$18,894	\$22,194	\$27,830	9	Long-term on-the-job training
\$8.79	\$19.20	\$21.78	\$25,341	\$15,467	\$16,529	\$18,289	\$39,942	\$45,303	11	Short-term on-the-job training
\$11.04	\$13.61	\$19.47	\$25,284	\$16,061	\$19,320	\$22,969	\$28,305	\$40,498	9	Long-term on-the-job training
									10	Moderate-term on-the-job training
\$8.30	\$9.11	\$11.01	\$17,754	\$13,565	\$15,636	\$17,270	\$18,942	\$22,903		
									9	Long-term on-the-job training
\$6.12	\$6.61	\$9.98	\$13,695	\$11,122	\$11,729	\$12,740	\$13,751	\$20,754		
									10	Moderate-term on-the-job training
\$9.51	\$11.24	\$18.19	\$21,988	\$15,787	\$17,198	\$19,784	\$23,384	\$37,827		
\$7.03	\$10.27	\$13.23	\$18,917	\$12,148	\$13,071	\$14,624	\$21,363	\$27,525	9	Long-term on-the-job training
\$10.83	\$13.08	\$15.27	\$23,151	\$15,697	\$19,166	\$22,534	\$27,212	\$31,762	9	Long-term on-the-job training
									11	Short-term on-the-job training
\$8.70	\$10.75	\$15.28	\$20,436	\$15,430	\$16,442	\$18,090	\$22,370	\$31,776		

Standard Occupation Classification (SOC)*		Employment		10 Year Employment Change				2003 Occupational		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Sepa- rations	Total Openings	Mean	10th %tile	25th %tile
51-7011	Cabinetmakers & Bench Carpenters	1,849	1,971	122	6.60%	463	585	\$12.18	\$7.95	\$9.42
51-7021	Furniture Finishers	737	770	33	4.48%	149	182	\$12.31	\$6.39	\$8.27
51-7032	Patternmakers, Wood	91	95	4	4.40%	26	30	\$13.84	\$9.47	\$10.36
51-7041	Sawing Machine Setters, Operators, & Tenders, Wood	617	637	20	3.24%	175	195	\$8.79	\$5.73	\$6.34
51-7042	Woodworking Machine Setters, Operators, & Tenders, Except	744	737	-7	-0.94%	195	195	\$9.81	\$6.43	\$7.57
51-7099	Woodworkers, All Other	449	444	-5	-1.11%	130	130	\$11.05	\$6.14	\$6.98
51-8012	Power Distributors & Dispatchers	257	319	62	24.12%	69	131	\$27.67	\$10.16	\$20.13
51-8013	Power Plant Operators	601	766	165	27.45%	162	327	\$22.41	\$11.62	\$15.07
51-8021	Stationary Engineers & Boiler Operators	1,041	1,137	96	9.22%	193	289	\$21.33	\$12.84	\$15.76
51-8031	Water & Liquid Waste Treatment Plant & System Operators	1,575	1,978	403	25.59%	541	944	\$17.11	\$11.69	\$13.69
51-8091	Chemical Plant & System Operators	170	207	37	21.76%	53	90	\$15.41	\$10.08	\$12.55
51-8092	Gas Plant Operators	73	107	34	46.58%	23	57	\$25.54	\$17.72	\$21.14
51-8093	Petroleum Pump System Operators, Refinery Operators, & Gaugers	166	232	66	39.76%	51	117	\$19.66	\$17.23	\$18.14
51-8099	Plant & System Operators, All Other	411	464	53	12.90%	127	180	\$20.37	\$8.93	\$12.78
51-9011	Chemical Equipment Operators & Tenders	337	371	34	10.09%	108	142	\$14.15	\$9.59	\$10.74
51-9012	Separating, Filtering, Clarifying, Precipitating, & Still	833	889	56	6.72%	266	322	\$15.66	\$8.58	\$12.56
51-9021	Crushing, Grinding, & Polishing Machine Setters, Operators	969	992	23	2.37%	253	276	\$15.08	\$8.27	\$10.88
51-9022	Grinding & Polishing Workers, Hand	1,854	2,665	811	43.74%	483	1,294	\$10.83	\$6.48	\$8.02
51-9023	Mixing & Blending Machine Setters, Operators, & Tenders	853	882	29	3.40%	222	251	\$13.03	\$8.00	\$10.43
51-9031	Cutters & Trimmers, Hand	419	476	57	13.60%	87	144	\$10.34	\$6.57	\$7.96
51-9032	Cutting & Slicing Machine Setters, Operators, & Tenders	823	941	118	14.34%	170	288	\$10.97	\$7.08	\$8.72
51-9041	Extruding, Forming, Pressing, & Compacting Machine Setters	762	774	12	1.57%	201	213	\$13.49	\$7.95	\$9.63
51-9051	Furnace, Kiln, Oven, Drier, & Kettle Operators & Tenders	221	208	-13	-5.88%	53	53	\$11.65	\$8.32	\$9.40
51-9061	Inspectors, Testers, Sorters, Samplers, & Weighers	5,714	6,798	1,084	18.97%	1,300	2,384	\$13.63	\$7.38	\$8.86
51-9071	Jewelers & Precious Stone & Metal Workers	292	342	50	17.12%	58	108	\$15.13	\$7.69	\$10.48
51-9081	Dental Laboratory Technicians	1,262	1,380	118	9.35%	276	394	\$14.31	\$7.76	\$10.92
51-9082	Medical Appliance Technicians	199	242	43	21.61%	44	87	\$14.14	\$9.08	\$10.17
51-9083	Ophthalmic Laboratory Technicians	559	673	114	20.39%	122	236	\$12.23	\$7.72	\$9.28
51-9111	Packaging & Filling Machine Operators & Tenders	4,345	7,027	2,682	61.73%	864	3,546	\$9.09	\$6.07	\$6.93
51-9121	Coating, Painting, & Spraying Machine Setters, Operators,	1,276	1,471	195	15.28%	333	528	\$10.40	\$7.21	\$8.22
51-9122	Painters, Transportation Equipment	664	841	177	26.66%	173	350	\$21.52	\$9.05	\$13.69
51-9123	Painting, Coating, & Decorating Workers	670	776	106	15.82%	175	281	\$10.18	\$6.27	\$7.31
51-9131	Photographic Process Workers	560	553	-7	-1.25%	139	139	\$13.92	\$9.10	\$11.49
51-9132	Photographic Processing Machine Operators	636	703	67	10.53%	157	224	\$11.03	\$7.59	\$8.33
51-9191	Cementing & Gluing Machine Operators & Tenders	204	207	3	1.47%	56	59	\$10.11	\$7.68	\$8.62
51-9192	Cleaning, Washing, & Metal Pickling Equipment Operators an	245	260	15	6.12%	71	86	\$9.32	\$5.92	\$6.83
51-9193	Cooling & Freezing Equipment Operators & Tenders	91	104	13	14.29%	25	38	\$10.43	\$6.98	\$8.00
51-9194	Etchers & Engravers	166	181	15	9.04%	46	61	\$11.09	\$6.06	\$7.05
51-9195	Molders, Shapers, & Casters, Except Metal & Plastic	782	826	44	5.63%	186	230	\$11.82	\$7.13	\$8.70
51-9196	Paper Goods Machine Setters, Operators, & Tenders	755	885	130	17.22%	160	290	\$13.35	\$9.53	\$10.91
51-9198	Helpers--Production Workers	10,135	13,544	3,409	33.64%	2,841	6,250	\$8.40	\$5.86	\$6.63
51-9199	Production Workers, All Other	3,542	4,065	523	14.77%	845	1,368	\$12.34	\$6.45	\$7.57
53-1011	Aircraft Cargo Handling Supervisors	215	242	27	12.56%	51	78	\$18.07	\$10.85	\$12.77
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, & Ma	2,619	3,008	389	14.85%	616	1,005	\$17.46	\$10.08	\$12.77
53-1031	First-Line Supervisors/Managers of Transportation & Material-Moving	3,770	4,440	670	17.77%	887	1,557	\$21.65	\$11.40	\$14.05
53-2012	Commercial Pilots	792	998	206	26.01%	212	418			
53-2021	Air Traffic Controllers	405	482	77	19.01%	104	181	\$42.67	\$25.67	\$32.26
53-2022	Airfield Operations Specialists	177	193	16	9.04%	46	62	\$25.45	\$14.95	\$20.38

Hourly Wage Estimates			2003 Occupational Annual Wage Estimates						Training Requirements	
Median Wage	75th %tile	90th %tile	Mean	10th %tile	25th %tile	Median Wage	75th %tile	90th %tile	Code	Description
\$11.13	\$13.91	\$17.84	\$25,332	\$16,543	\$19,592	\$23,154	\$28,930	\$37,103	9	Long-term on-the-job training
\$11.49	\$16.52	\$19.51	\$25,598	\$13,281	\$17,210	\$23,897	\$34,370	\$40,587	9	Long-term on-the-job training
\$12.06	\$15.15	\$20.54	\$28,785	\$19,699	\$21,559	\$25,094	\$31,516	\$42,731	9	Long-term on-the-job training
									10	Moderate-term on-the-job training
\$7.89	\$10.80	\$13.38	\$18,289	\$11,918	\$13,182	\$16,421	\$22,455	\$27,826		
									10	Moderate-term on-the-job training
\$9.44	\$11.13	\$13.61	\$20,413	\$13,370	\$15,752	\$19,634	\$23,144	\$28,307		
\$10.69	\$13.80	\$16.83	\$22,990	\$12,773	\$14,525	\$22,228	\$28,708	\$35,009	10	Moderate-term on-the-job training
\$31.11	\$36.13	\$41.34	\$57,564	\$21,130	\$41,864	\$64,706	\$75,144	\$85,997	9	Long-term on-the-job training
\$23.83	\$29.36	\$33.62	\$46,610	\$24,173	\$31,335	\$49,576	\$61,068	\$69,924	9	Long-term on-the-job training
\$20.99	\$26.68	\$32.18	\$44,374	\$26,710	\$32,783	\$43,652	\$55,484	\$66,927	9	Long-term on-the-job training
									9	Long-term on-the-job training
\$16.84	\$20.27	\$23.51	\$35,599	\$24,318	\$28,478	\$35,036	\$42,154	\$48,901		
\$15.43	\$17.11	\$21.86	\$32,049	\$20,962	\$26,099	\$32,094	\$35,587	\$45,472	9	Long-term on-the-job training
\$25.24	\$28.45	\$32.56	\$53,118	\$36,847	\$43,975	\$52,510	\$59,173	\$67,722	9	Long-term on-the-job training
									9	Long-term on-the-job training
\$19.61	\$21.07	\$22.91	\$40,882	\$35,832	\$37,737	\$40,780	\$43,824	\$47,662		
\$21.02	\$25.41	\$31.06	\$42,365	\$18,565	\$26,590	\$43,724	\$52,847	\$64,599	9	Long-term on-the-job training
\$13.90	\$16.83	\$20.21	\$29,442	\$19,949	\$22,332	\$28,905	\$34,998	\$42,034	10	Moderate-term on-the-job training
									10	Moderate-term on-the-job training
\$16.20	\$19.70	\$21.58	\$32,574	\$17,839	\$26,123	\$33,704	\$40,983	\$44,881		
									10	Moderate-term on-the-job training
\$15.70	\$19.24	\$21.38	\$31,363	\$17,211	\$22,621	\$32,655	\$40,011	\$44,460		
\$10.07	\$12.27	\$16.26	\$22,524	\$13,477	\$16,690	\$20,941	\$25,527	\$33,814	10	Moderate-term on-the-job training
									10	Moderate-term on-the-job training
\$12.76	\$15.75	\$18.89	\$27,099	\$16,633	\$21,699	\$26,537	\$32,766	\$39,295		
\$11.03	\$12.60	\$13.54	\$21,509	\$13,668	\$16,555	\$22,950	\$26,213	\$28,170	11	Short-term on-the-job training
									10	Moderate-term on-the-job training
\$10.22	\$13.41	\$16.60	\$22,819	\$14,733	\$18,132	\$21,256	\$27,891	\$34,532		
									10	Moderate-term on-the-job training
\$11.80	\$16.21	\$22.46	\$28,066	\$16,529	\$20,020	\$24,538	\$33,725	\$46,711		
									10	Moderate-term on-the-job training
\$10.59	\$12.72	\$18.95	\$24,240	\$17,307	\$19,557	\$22,035	\$26,453	\$39,410		
									10	Moderate-term on-the-job training
\$12.44	\$16.81	\$22.08	\$28,340	\$15,346	\$18,422	\$25,880	\$34,973	\$45,927		
\$14.91	\$18.89	\$24.05	\$31,472	\$15,996	\$21,803	\$31,010	\$39,297	\$50,022	7	Postsecondary vocational training
\$14.32	\$16.87	\$21.28	\$29,757	\$16,136	\$22,711	\$29,794	\$35,087	\$44,262	9	Long-term on-the-job training
\$12.29	\$17.14	\$22.51	\$29,421	\$18,892	\$21,145	\$25,571	\$35,650	\$46,818	9	Long-term on-the-job training
\$11.08	\$14.77	\$18.27	\$25,432	\$16,054	\$19,299	\$23,053	\$30,724	\$38,010	10	Moderate-term on-the-job training
									11	Short-term on-the-job training
\$8.35	\$10.57	\$13.50	\$18,904	\$12,624	\$14,420	\$17,358	\$21,993	\$28,072		
									10	Moderate-term on-the-job training
\$9.90	\$12.13	\$14.38	\$21,631	\$14,987	\$17,097	\$20,599	\$25,222	\$29,920		
\$19.00	\$27.19	\$40.96	\$44,762	\$18,820	\$28,480	\$39,510	\$56,560	\$85,193	10	Moderate-term on-the-job training
\$8.71	\$11.71	\$16.00	\$21,166	\$13,048	\$15,209	\$18,119	\$24,365	\$33,272	11	Short-term on-the-job training
\$12.87	\$15.63	\$20.99	\$28,957	\$18,925	\$23,896	\$26,774	\$32,504	\$43,650	10	Moderate-term on-the-job training
\$10.08	\$13.28	\$16.20	\$22,947	\$15,786	\$17,334	\$20,973	\$27,615	\$33,699	11	Short-term on-the-job training
									10	Moderate-term on-the-job training
\$9.91	\$11.13	\$13.34	\$21,029	\$15,975	\$17,935	\$20,623	\$23,154	\$27,744		
									10	Moderate-term on-the-job training
\$8.83	\$11.20	\$13.58	\$19,390	\$12,316	\$14,216	\$18,357	\$23,297	\$28,256		
									10	Moderate-term on-the-job training
\$9.43	\$11.37	\$16.35	\$21,692	\$14,513	\$16,647	\$19,611	\$23,649	\$34,006		
\$9.94	\$12.14	\$21.46	\$23,059	\$12,608	\$14,660	\$20,682	\$25,251	\$44,633	9	Long-term on-the-job training
									10	Moderate-term on-the-job training
\$10.89	\$14.46	\$17.75	\$24,576	\$14,822	\$18,099	\$22,654	\$30,079	\$36,916		
									10	Moderate-term on-the-job training
\$13.36	\$15.67	\$17.23	\$27,761	\$19,828	\$22,693	\$27,798	\$32,599	\$35,832		
\$8.06	\$9.81	\$11.25	\$17,476	\$12,193	\$13,792	\$16,772	\$20,396	\$23,397	11	Short-term on-the-job training
\$10.17	\$16.54	\$22.26	\$25,676	\$13,418	\$15,743	\$21,149	\$34,400	\$46,308	10	Moderate-term on-the-job training
\$16.24	\$21.16	\$26.78	\$37,578	\$22,576	\$26,571	\$33,781	\$44,018	\$55,710	8	Work experience in a related occupation
									8	Work experience in a related occupation
\$16.51	\$20.91	\$26.63	\$36,327	\$20,958	\$26,558	\$34,333	\$43,487	\$55,387		
									8	Work experience in a related occupation
\$19.90	\$26.80	\$34.62	\$45,041	\$23,720	\$29,215	\$41,394	\$55,748	\$72,002		
			\$53,744	\$33,127	\$39,108	\$45,386	\$57,173	\$94,422	7	Postsecondary vocational training
\$43.48	\$53.50	\$62.75	\$88,751	\$53,388	\$67,107	\$90,428	\$111,272	\$130,518	9	Long-term on-the-job training
\$25.60	\$30.24	\$34.93	\$52,936	\$31,092	\$42,390	\$53,250	\$62,896	\$72,662	9	Long-term on-the-job training

Standard Occupation Classification (SOC)*		Employment		10 Year Employment Change				2003 Occupational		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Sepa- rations	Total Openings	Mean	10th %tile	25th %tile
53-3011	Ambulance Drivers & Attendants, Except Emergency Medical T	163	226	63	38.65%	17	80	\$8.93	\$6.43	\$7.53
53-3021	Bus Drivers, Transit & Intercity	3,488	4,320	832	23.85%	759	1,591	\$15.16	\$8.85	\$10.69
53-3022	Bus Drivers, School	6,258	7,395	1,137	18.17%	1,362	2,499	\$10.03	\$6.48	\$8.44
53-3031	Driver/Sales Workers	7,565	8,394	829	10.96%	1,235	2,064	\$9.93	\$5.78	\$6.41
53-3032	Truck Drivers, Heavy & Tractor-Trailer	26,112	32,384	6,272	24.02%	4,264	10,536	\$16.04	\$10.59	\$12.54
53-3033	Truck Drivers, Light or Delivery Services	14,758	18,827	4,069	27.57%	1,354	5,423	\$12.53	\$7.09	\$8.54
53-3041	Taxi Drivers & Chauffeurs	2,255	2,844	589	26.12%	207	796	\$9.00	\$6.00	\$6.92
53-3099	Motor Vehicle Operators, All Other	1,958	2,691	733	37.44%	275	1,008	\$11.46	\$5.99	\$6.87
53-5021	Captains, Mates, & Pilots of Water Vessels	111	126	15	13.51%	32	47	\$13.32	\$5.98	\$6.59
53-5022	Motorboat Operators	46	59	13	28.26%	13	26	\$17.20	\$9.41	\$12.50
53-6021	Parking Lot Attendants	2,186	2,533	347	15.87%	648	995	\$8.35	\$5.98	\$6.84
53-6031	Service Station Attendants	1,738	2,018	280	16.11%	780	1,060	\$8.86	\$6.11	\$7.10
53-6041	Traffic Technicians	263	324	61	23.19%	79	140	\$16.94	\$11.25	\$12.13
53-6051	Transportation Inspectors	476	548	72	15.13%	113	185	\$27.95	\$15.51	\$20.75
53-6099	Transportation Workers, All Other	1,612	2,065	453	28.10%	485	938	\$15.97	\$8.55	\$10.28
53-7011	Conveyor Operators & Tenders	1,154	1,293	139	12.05%	331	470	\$13.83	\$6.60	\$9.55
53-7021	Crane & Tower Operators	449	564	115	25.61%	98	213	\$17.04	\$11.55	\$13.20
53-7031	Dredge Operators	92	97	5	5.43%	25	30	\$20.26	\$9.41	\$12.61
53-7032	Excavating & Loading Machine & Dragline Operators	830	1,026	196	23.61%	228	424	\$15.89	\$9.91	\$12.39
53-7033	Loading Machine Operators, Underground Mining	80	86	6	7.50%	22	28	\$14.63	\$7.85	\$9.12
53-7041	Hoist & Winch Operators	112	114	2	1.79%	36	38	\$17.99	\$12.29	\$13.74
53-7051	Industrial Truck & Tractor Operators	6,423	7,624	1,201	18.70%	1,216	2,417	\$12.29	\$8.71	\$9.88
53-7061	Cleaners of Vehicles & Equipment	8,312	9,616	1,304	15.69%	2,894	4,198	\$7.57	\$5.76	\$6.23
53-7062	Laborers & Freight, Stock, & Material Movers, Hand	33,192	39,202	6,010	18.11%	10,846	16,856	\$9.46	\$6.02	\$6.95
53-7063	Machine Feeders & Offbearers	1,446	1,452	6	0.41%	394	400	\$9.52	\$6.61	\$7.64
53-7064	Packers & Packagers, Hand	17,636	22,309	4,673	26.50%	3,299	7,972	\$7.54	\$5.64	\$6.06
53-7072	Pump Operators, Except Wellhead Pumpers	109	138	29	26.61%	25	54	\$16.09	\$9.86	\$12.84
53-7081	Refuse & Recyclable Material Collectors	2,086	2,662	576	27.61%	535	1,111	\$13.11	\$7.56	\$9.65
53-7199	Material Moving Workers, All Other	952	1,002	50	5.25%	255	305	\$10.88	\$6.78	\$8.49

*For more information on the Standard Occupational Classification (SOC), visit: www.bls.gov/soc/socguide.htm

For Occupational Dictionary see:

http://www.workforce.az.gov/admin/uploadedPublications/1194_OccDictByCode.pdf

Prepared by Arizona Dept of Economic Security, Research Administration in cooperation with the U.S. Dept of Labor, Bureau of Labor Statistics.

Total annual openings are the sum of openings from growth plus openings from separations. Separations are vacancies caused by workers leaving the labor market or changing occupations. Thus an occupation that is not growing or is in decline could still have openings due to separations.

Totals may not add exactly due to rounding or suppression of data.

See Projections Notes worksheet for additional information on methodology.

For more information on occupational projections, visit: <http://stats.bls.gov/emp/optd/home.htm>

Wage data based on 2nd Quarter 2003 reference period.

Blank cell means data not available or not releasable.

Annual wages have been calculated by multiplying the hourly mean wage by a "year-round, full-time" hours figure of 2,080 hours; for those occupations where there is not an hourly mean wage published, the annual wage has been directly calculated from the reported survey data.

Hourly wage rates for occupations where workers typically work fewer than 2,080 hours per year are not available.

For additional information on wage data, see OES Survey Technical notes at: http://www.workforce.az.gov/admin/uploadedPublications/1240_TechNotes03.pdf

The training descriptions are provided as general guidelines and are **not** absolute requirements for employment.

Hourly Wage Estimates			2003 Occupational Annual Wage Estimates						Training Requirements	
Median Wage	75th %tile	90th %tile	Mean	10th %tile	25th %tile	Median Wage	75th %tile	90th %tile	Code	Description
\$9.00	\$10.29	\$11.33	\$18,575	\$13,366	\$15,661	\$18,712	\$21,398	\$23,569	10	Moderate-term on-the-job training
\$13.08	\$17.62	\$26.81	\$31,529	\$18,409	\$22,244	\$27,209	\$36,642	\$55,769	10	Moderate-term on-the-job training
\$10.10	\$11.68	\$13.52	\$20,858	\$13,486	\$17,562	\$21,003	\$24,289	\$28,124	11	Short-term on-the-job training
\$8.24	\$12.44	\$16.96	\$20,647	\$12,027	\$13,323	\$17,140	\$25,880	\$35,286	11	Short-term on-the-job training
\$15.31	\$18.49	\$23.43	\$33,362	\$22,035	\$26,081	\$31,837	\$38,468	\$48,730	10	Moderate-term on-the-job training
\$10.84	\$14.31	\$23.44	\$26,052	\$14,756	\$17,760	\$22,552	\$29,761	\$48,757	11	Short-term on-the-job training
\$8.86	\$10.72	\$12.64	\$18,727	\$12,478	\$14,403	\$18,429	\$22,297	\$26,284	11	Short-term on-the-job training
\$9.25	\$15.42	\$19.70	\$23,843	\$12,458	\$14,285	\$19,241	\$32,077	\$40,974	11	Short-term on-the-job training
\$9.18	\$14.43	\$31.82	\$27,697	\$12,446	\$13,717	\$19,099	\$30,007	\$66,183	8	Work experience in a related occupation
\$17.85	\$22.04	\$25.17	\$35,767	\$19,580	\$26,006	\$37,120	\$45,844	\$52,346	10	Moderate-term on-the-job training
\$7.93	\$9.47	\$11.70	\$17,365	\$12,436	\$14,227	\$16,497	\$19,702	\$24,335	11	Short-term on-the-job training
\$8.50	\$10.21	\$12.18	\$18,428	\$12,711	\$14,777	\$17,681	\$21,239	\$25,332	11	Short-term on-the-job training
\$13.99	\$22.45	\$26.37	\$35,232	\$23,390	\$25,230	\$29,096	\$46,689	\$54,848	11	Short-term on-the-job training
\$27.05	\$36.30	\$42.30	\$58,136	\$32,257	\$43,160	\$56,254	\$75,500	\$87,989	8	Work experience in a related occupation
\$14.12	\$22.90	\$26.08	\$33,209	\$17,785	\$21,391	\$29,361	\$47,631	\$54,249	11	Short-term on-the-job training
\$13.02	\$19.20	\$21.68	\$28,770	\$13,728	\$19,864	\$27,075	\$39,937	\$45,096	11	Short-term on-the-job training
\$16.87	\$20.34	\$22.47	\$35,441	\$24,015	\$27,456	\$35,090	\$42,302	\$46,741	10	Moderate-term on-the-job training
\$21.88	\$25.77	\$30.56	\$42,147	\$19,570	\$26,233	\$45,505	\$53,603	\$63,555	10	Moderate-term on-the-job training
\$15.99	\$19.54	\$21.62	\$33,052	\$20,612	\$25,772	\$33,254	\$40,642	\$44,968	10	Moderate-term on-the-job training
\$15.01	\$19.45	\$21.67	\$30,432	\$16,326	\$18,976	\$31,229	\$40,457	\$45,081	10	Moderate-term on-the-job training
\$18.29	\$21.49	\$24.38	\$37,410	\$25,566	\$28,587	\$38,052	\$44,701	\$50,704	10	Moderate-term on-the-job training
\$11.78	\$14.38	\$17.21	\$25,555	\$18,108	\$20,546	\$24,498	\$29,915	\$35,802	11	Short-term on-the-job training
\$6.99	\$8.28	\$10.30	\$15,740	\$11,975	\$12,955	\$14,546	\$17,218	\$21,426	11	Short-term on-the-job training
\$8.79	\$11.17	\$14.24	\$19,676	\$12,525	\$14,456	\$18,274	\$23,226	\$29,621	11	Short-term on-the-job training
\$8.57	\$10.71	\$13.88	\$19,799	\$13,756	\$15,888	\$17,824	\$22,284	\$28,879	11	Short-term on-the-job training
\$6.76	\$8.34	\$10.80	\$15,684	\$11,731	\$12,604	\$14,060	\$17,348	\$22,471	11	Short-term on-the-job training
\$16.58	\$20.00	\$21.73	\$33,470	\$20,509	\$26,698	\$34,480	\$41,593	\$45,188	10	Moderate-term on-the-job training
\$11.99	\$16.79	\$20.09	\$27,269	\$15,724	\$20,065	\$24,932	\$34,918	\$41,794	11	Short-term on-the-job training
\$10.08	\$12.35	\$16.25	\$22,628	\$14,099	\$17,658	\$20,976	\$25,679	\$33,806	10	Moderate-term on-the-job training

Occupational Projections Methodology

Before using the data in this report, readers should understand this methodology and note its limitations. **The projections presented should be viewed as indicators of relative magnitude and probable direction rather than as forecasts of absolute occupational demand.** Furthermore, the occupational forecasts are only measures of expected employment and demand for labor and indicate little about future labor supply. It is therefore recommended that these data be used with other sources of occupational information.

The total occupational employment of the forecast will be greater than the total nonfarm employment estimated by the Current Employment Statistics (CES) program and Occupational Employment Survey (OES) program for the following reasons. First, self employed, unpaid family workers, and agriculture workers are included in the projections, but not in CES and OES. Next, some industries are not included in the OES data because of low survey response rate and a base employment level that is too small to make any statistically significant estimates.

Employment projections provided in this publication were developed in cooperation with and using techniques based on those developed by the U.S Department of Labor's Bureau of Labor Statistics. This methodology is comprised of five basic steps:

- 1) Industry employment data is compiled from CES and unemployment insurance tax records.
- 2) A fraction of the industry employment is assumed to be self employed or unpaid family workers. The fraction is determined from national surveys and is added to the state's industry employment data.
- 3) Staffing patterns from state and national data are used to divide each industry's total employment into the different occupations for that industry.
- 4) Each industry's total employment is calculated during the forecast period according to the industry projections for the same time period that were produced by DES Research Administration.
- 5) Total employment in any occupation is not only calculated by changes in the total industry employment, but also by changes in share of that occupation's employment in each industry. The change in the share of total industry employment of any occupation is known as the occupational change factor. When the occupational change factor is determined for each occupation in every industry, the occupational forecasts are finished.

To avoid the possible disclosure of confidential employer information, employment data have been suppressed if: less than three firms reported a single occupation; one firm reported more than 50 percent of the occupational estimate; or two firms combined reported more than 75 percent of the occupational estimate. In certain cases, releases may have been obtained from large employers to waive the confidentiality criteria.